

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

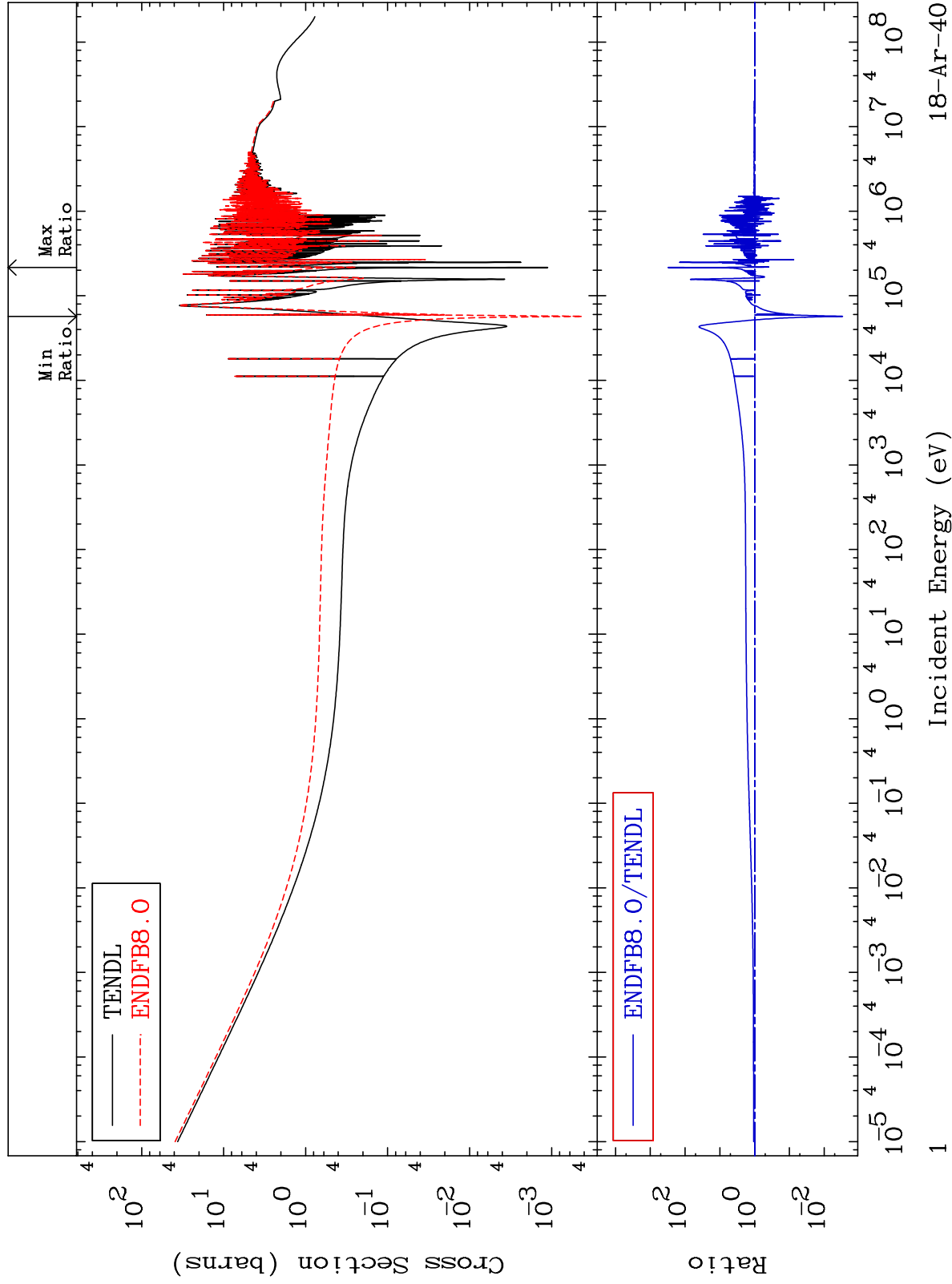
MAT 1837

Total

18-Ar-40

Cross Section

-99.71 To 9999. %



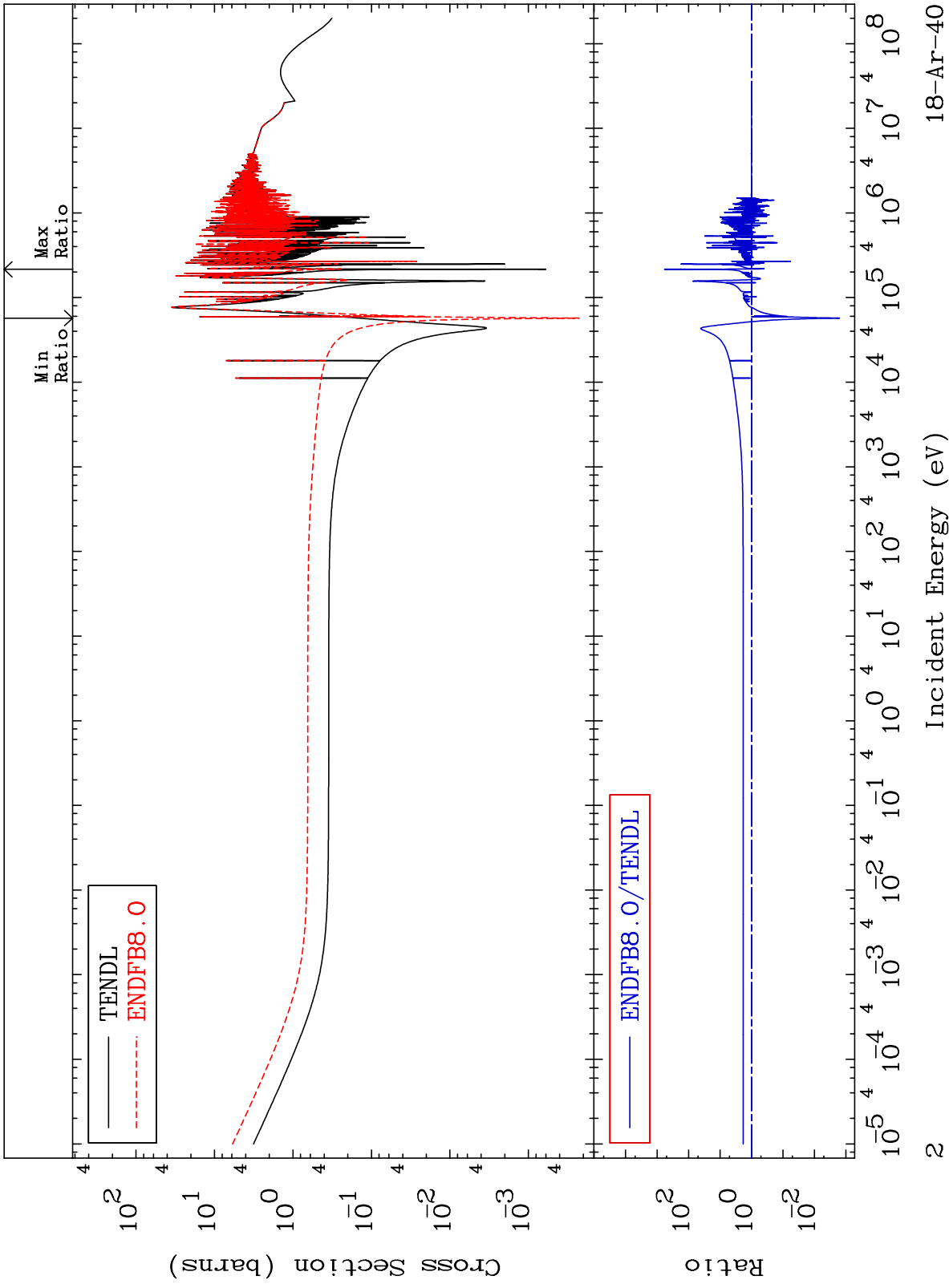
MAT 1837

Elastic

Cross Section

18-Ar-40

-99.84 To 9999. %



Incident Energy (eV)

18-Ar-40

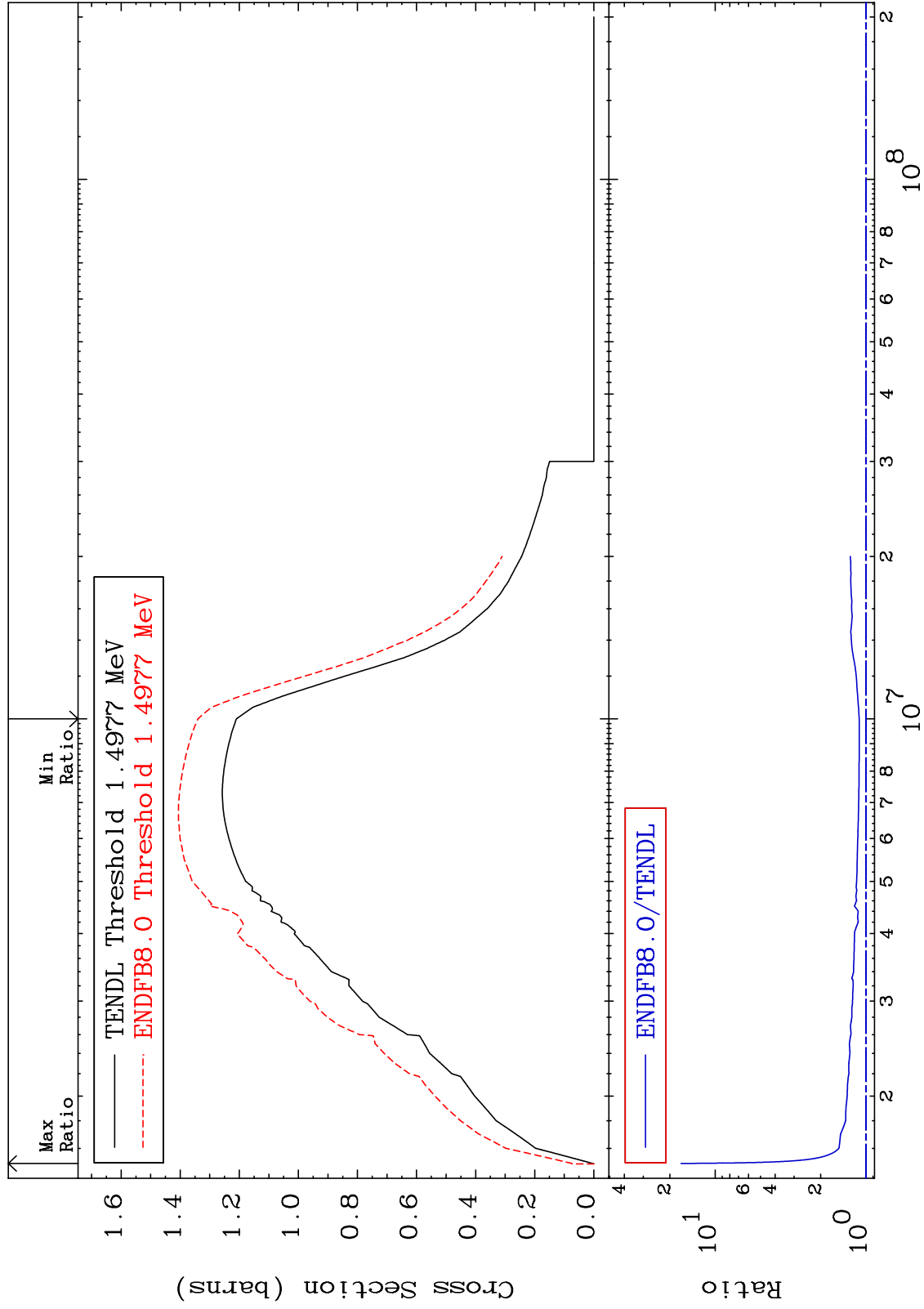
MAT 1837

Inelastic

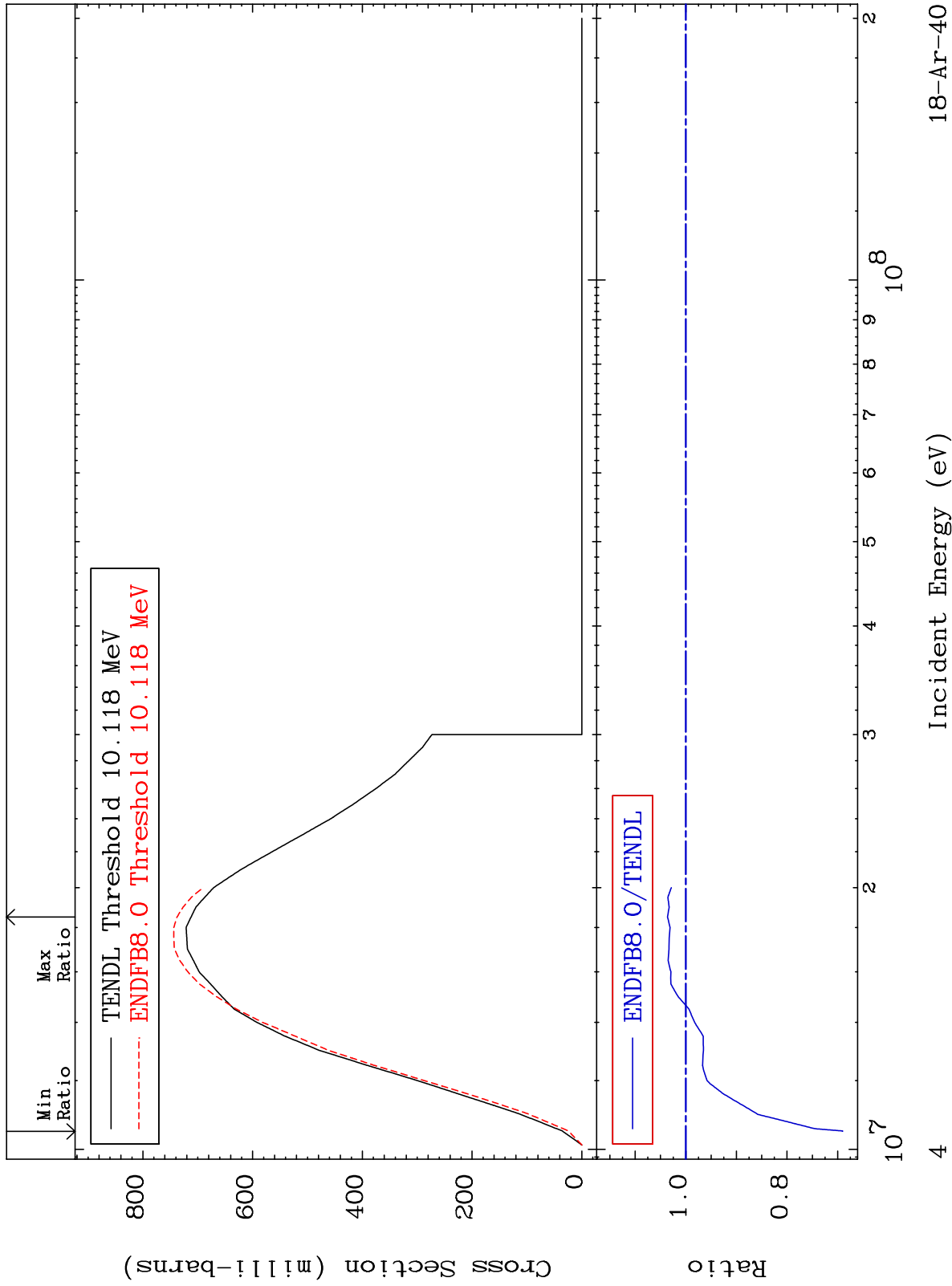
18-Ar-40

Cross Section

10.78 To 1584. %



MAT 1837 (n,2n) 18-Ar-40  
Cross Section -31.00 To 3.609 %



18-Ar-40

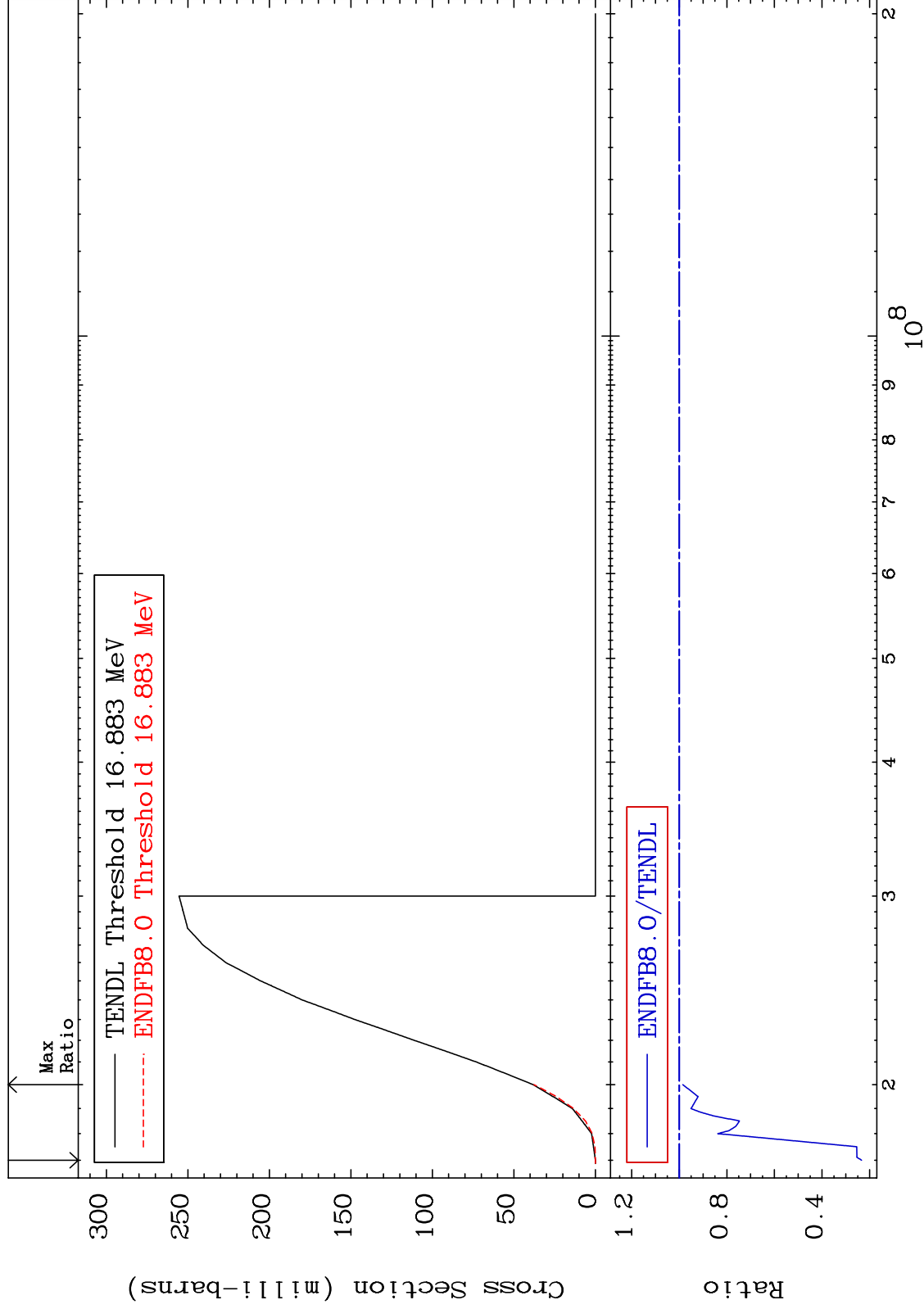
MAT 1837

(n,3n)

18-Ar-40

Cross Section

-76.62 To -1.522%



5

18-Ar-40

18-Ar-40

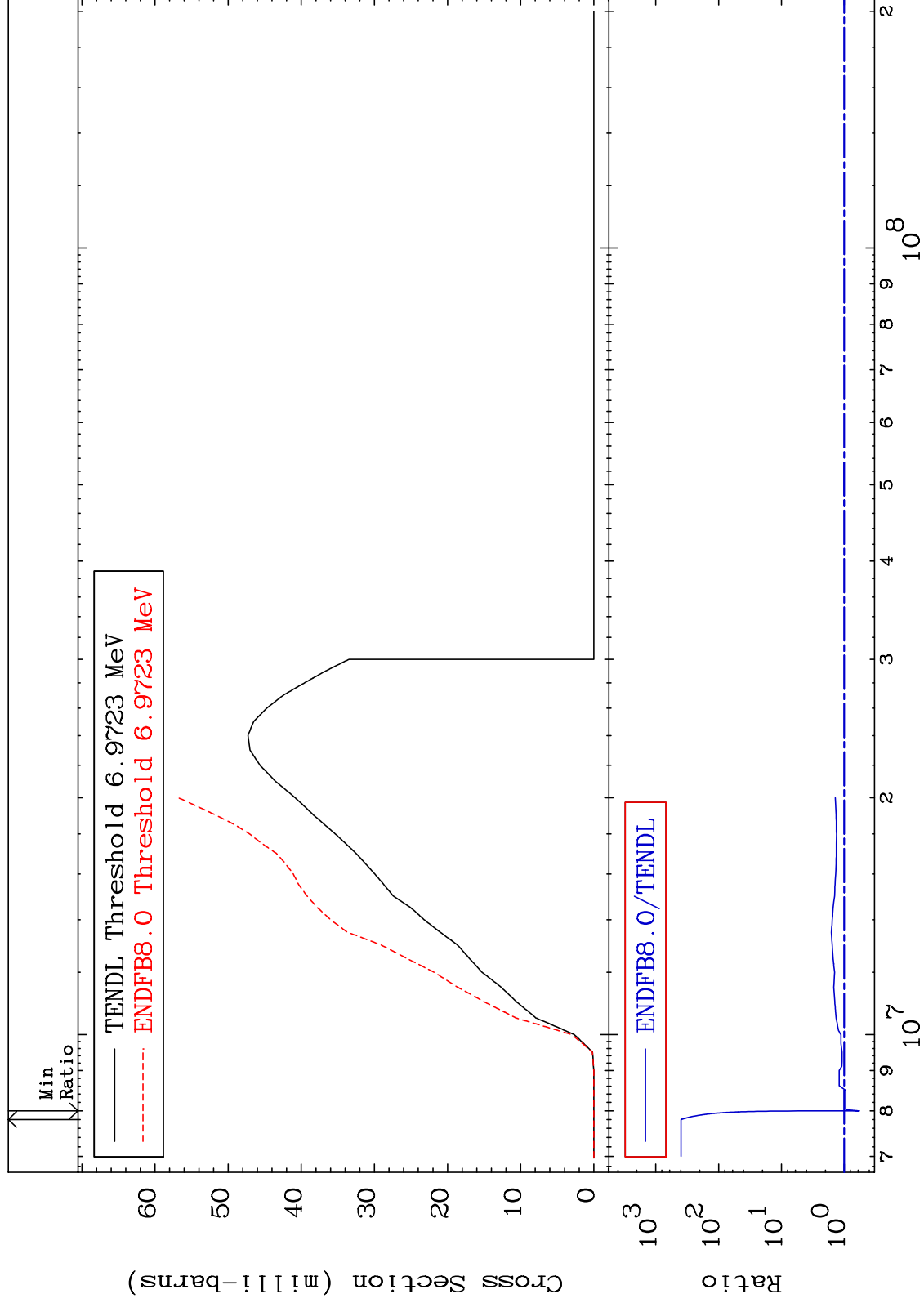
MAT 1837

(n,n')  $\alpha$

18-Ar-40

Cross Section

-42.29 To 9999. %



6

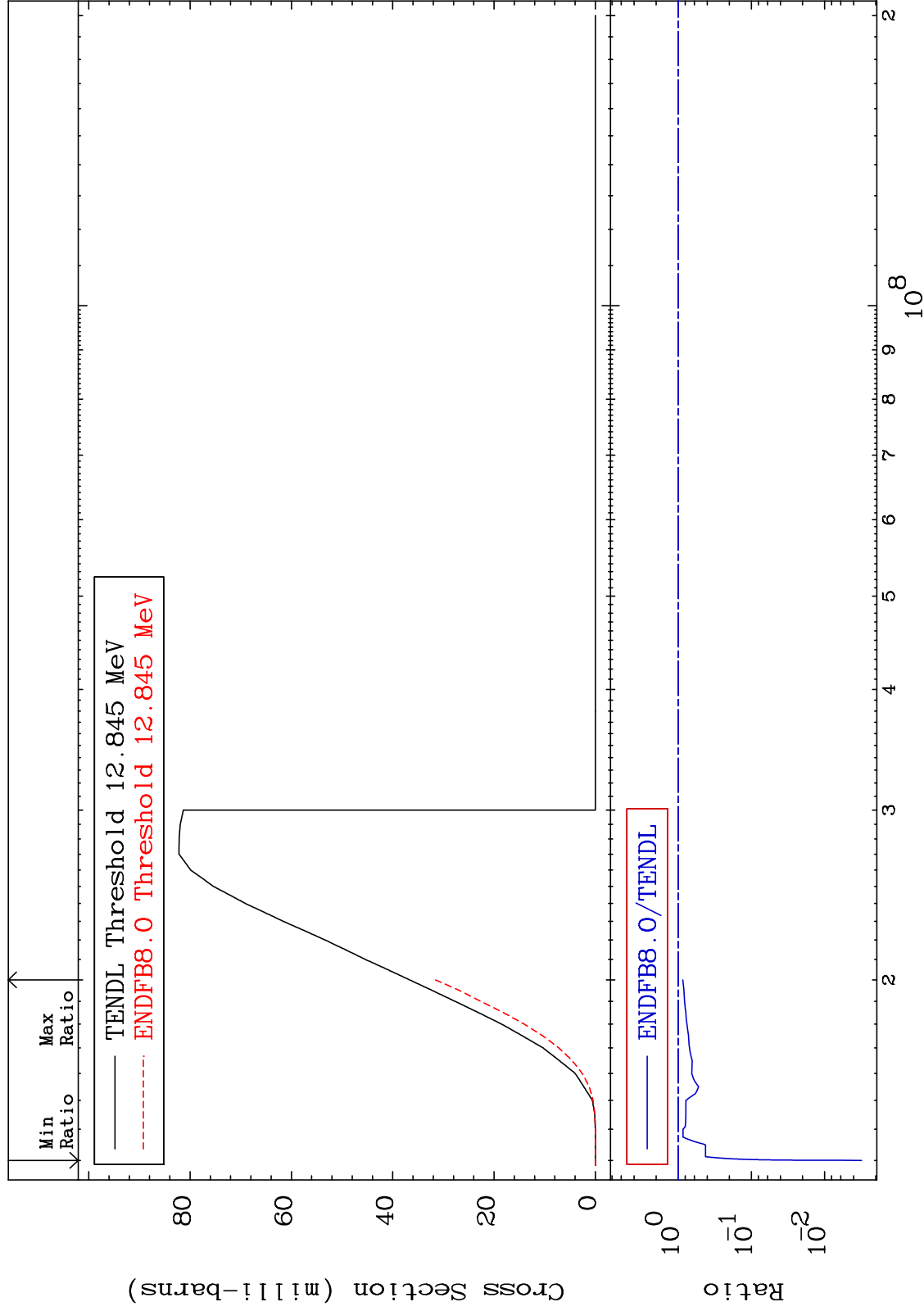
Incident Energy (eV)

18-Ar-40

MAT 1837

(n,n') p  
Cross Section

18-Ar-40  
-99.69 To -13.87%

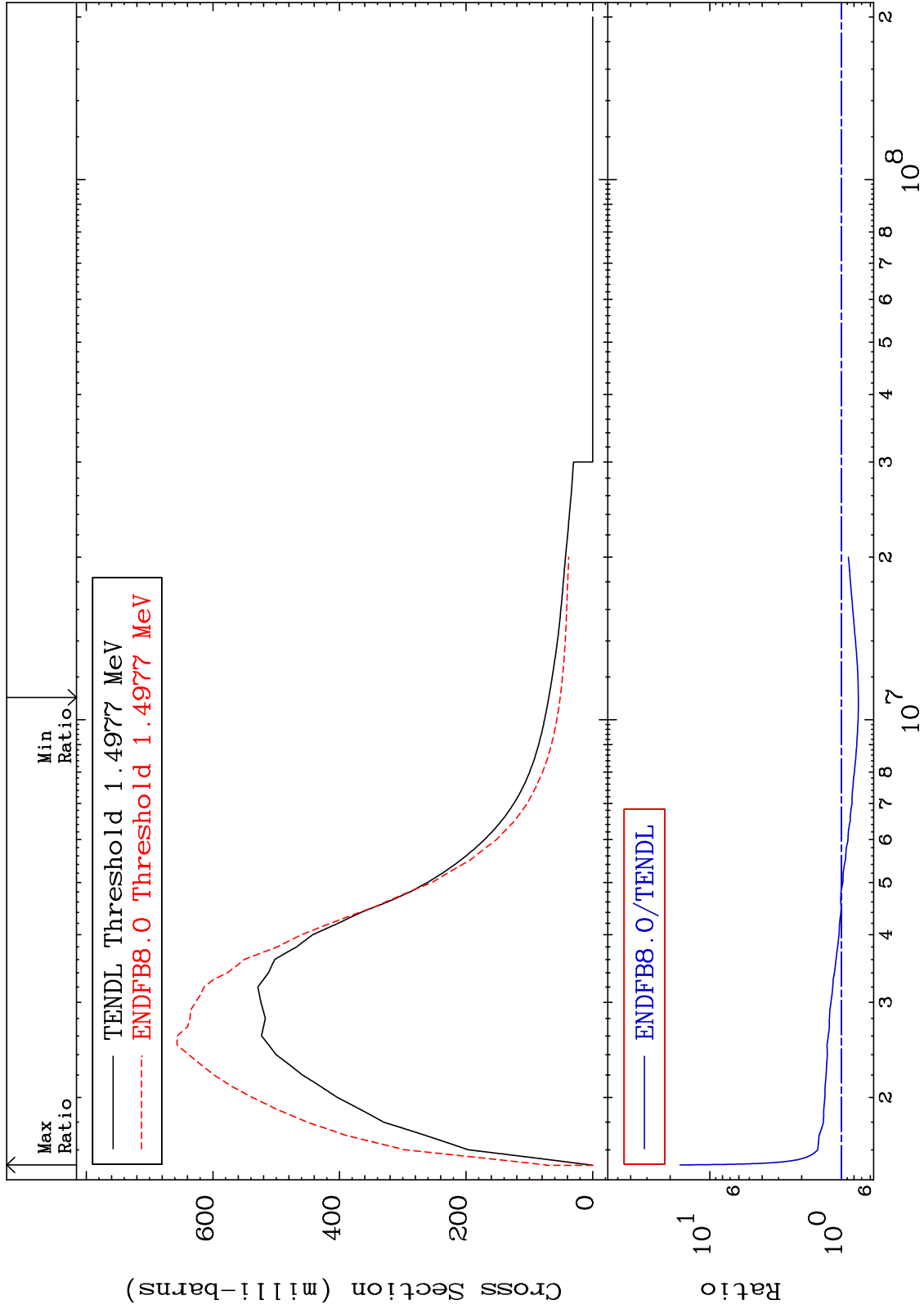




MAT 1837

MT= 51 (n,n') Level  
Cross Section

18-Ar-40  
-25.96 To 1584. %



8

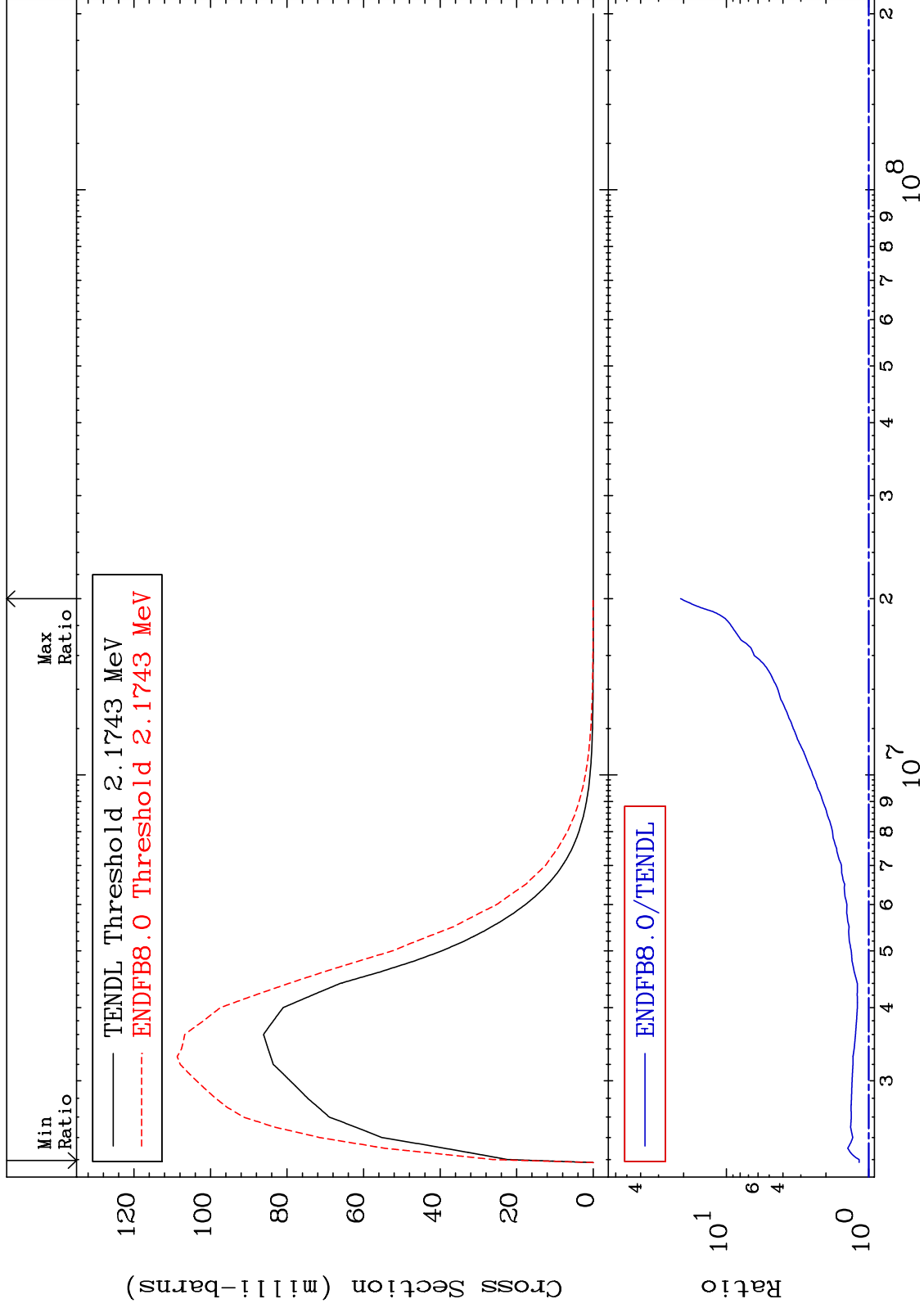
18-Ar-40

18-Ar-40

MAT 1837

MT= 52 (n,n') Level  
Cross Section

18-Ar-40  
16.74 To 1996. %



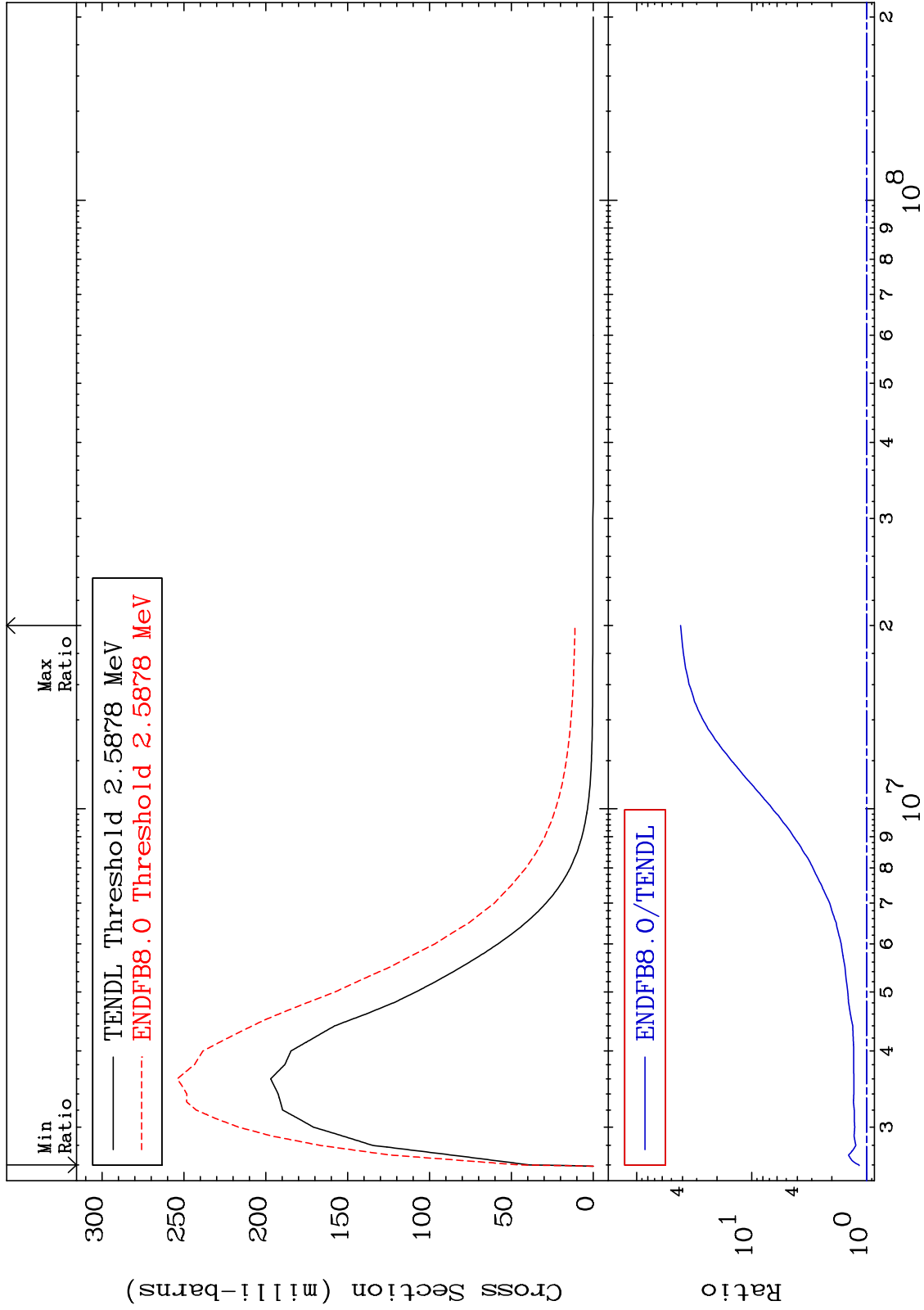
9

18-Ar-40

MAT 1837

MT= 53 (n,n') Level  
Cross Section

18-Ar-40  
15.87 To 4048. %



10

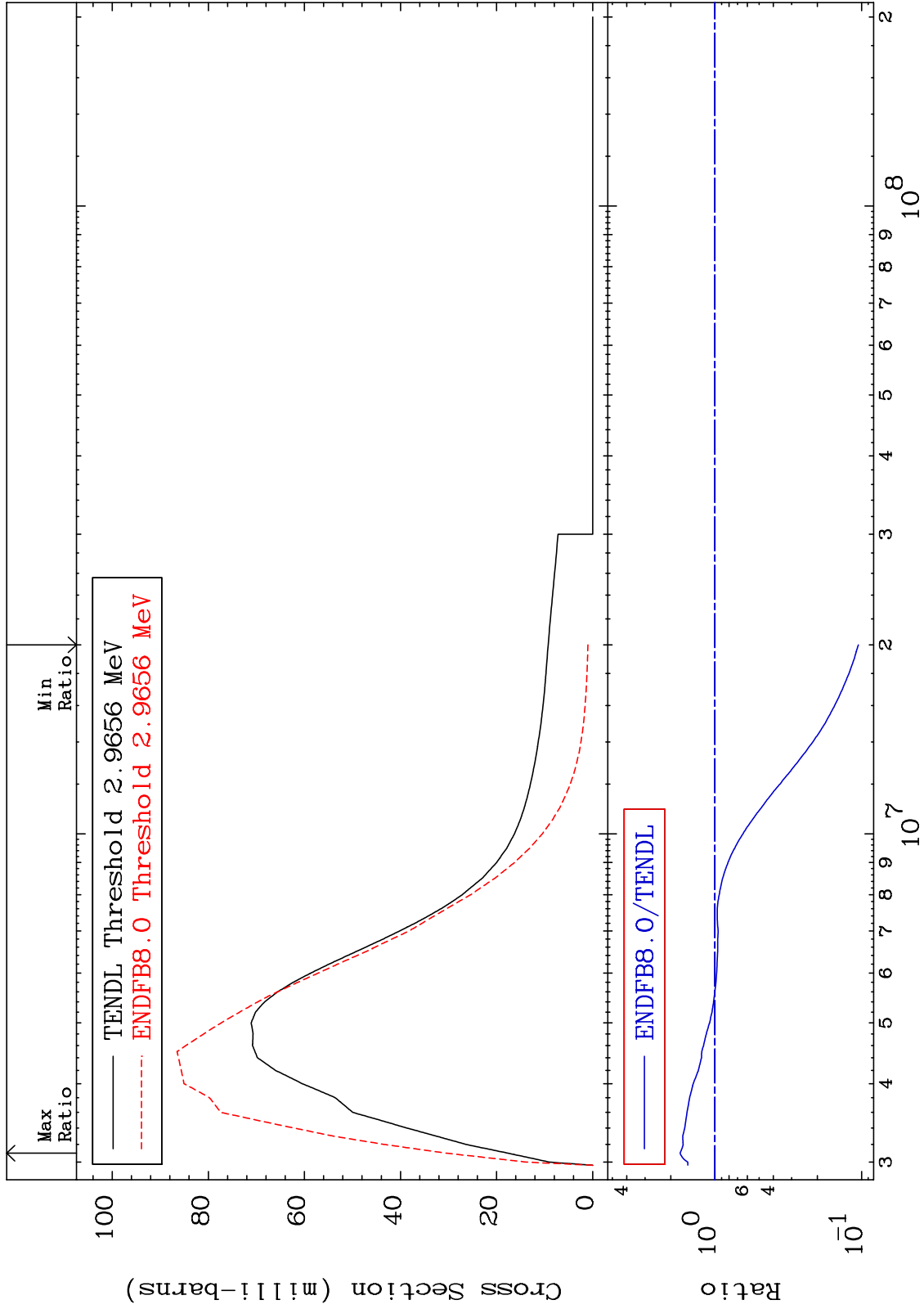
Incident Energy (eV)

18-Ar-40

MAT 1837

MT= 54 (n,n') Level  
Cross Section

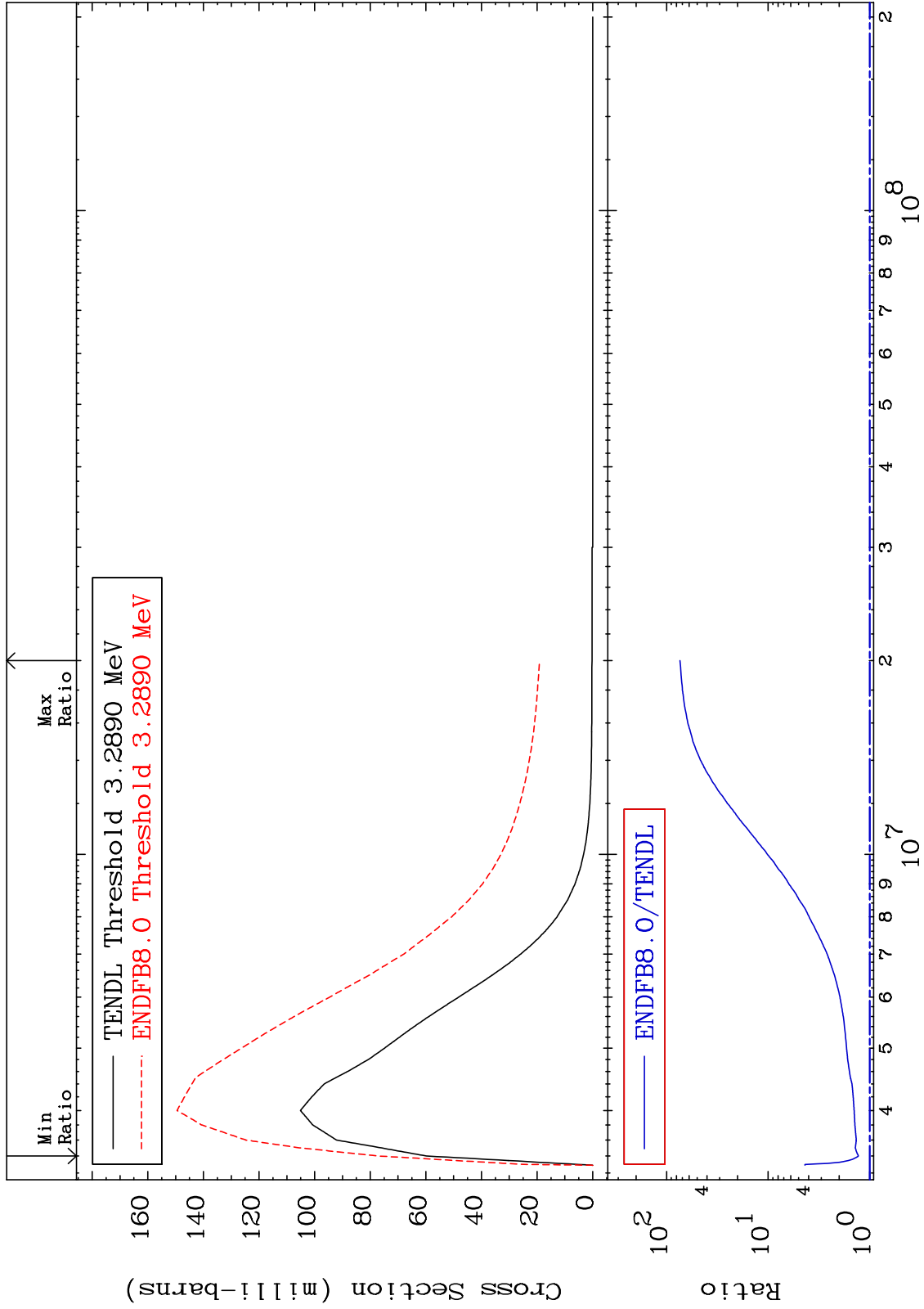
18-Ar-40  
-89.50 To 72.98 %



MAT 1837

MT= 55 (n,n') Level  
Cross Section

18-Ar-40  
29.01 To 7288. %



12

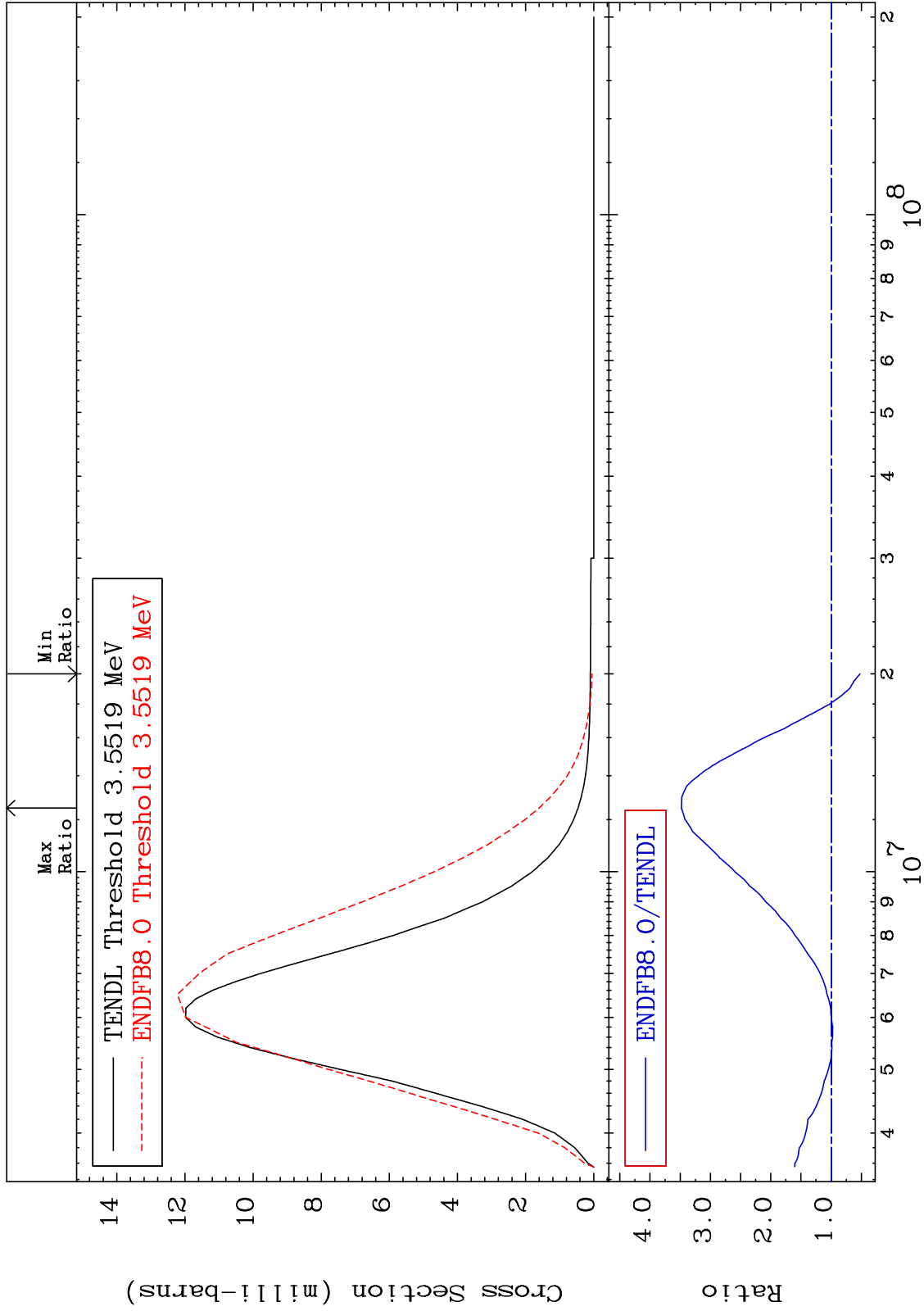
Incident Energy (eV)

18-Ar-40

MAT 1837

MT= 56 (n,n') Level  
Cross Section

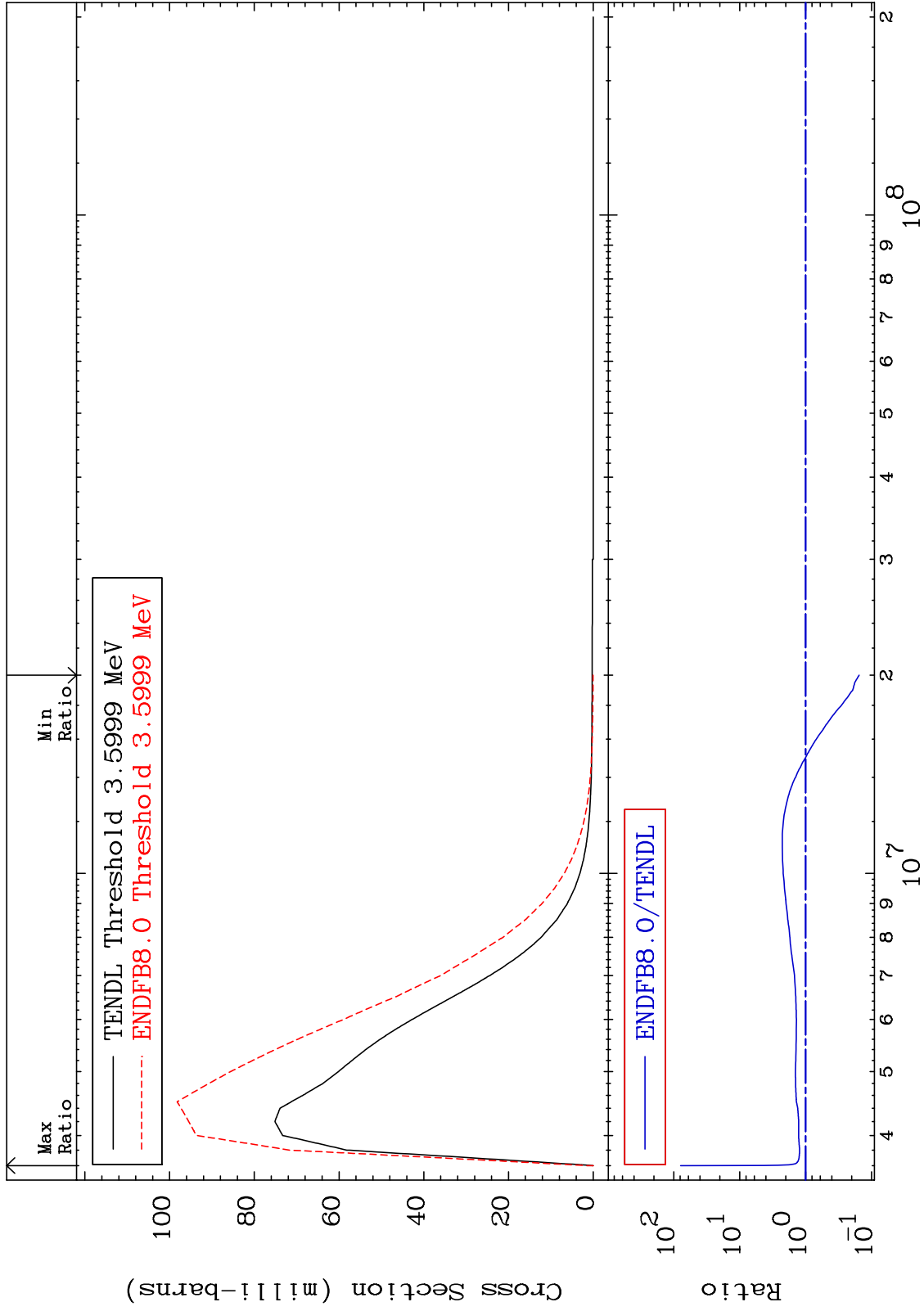
18-Ar-40  
-47.62 To 248.3 %



MAT 1837

MT= 57 (n,n') Level  
Cross Section

18-Ar-40  
-84.61 To 7755. %



14

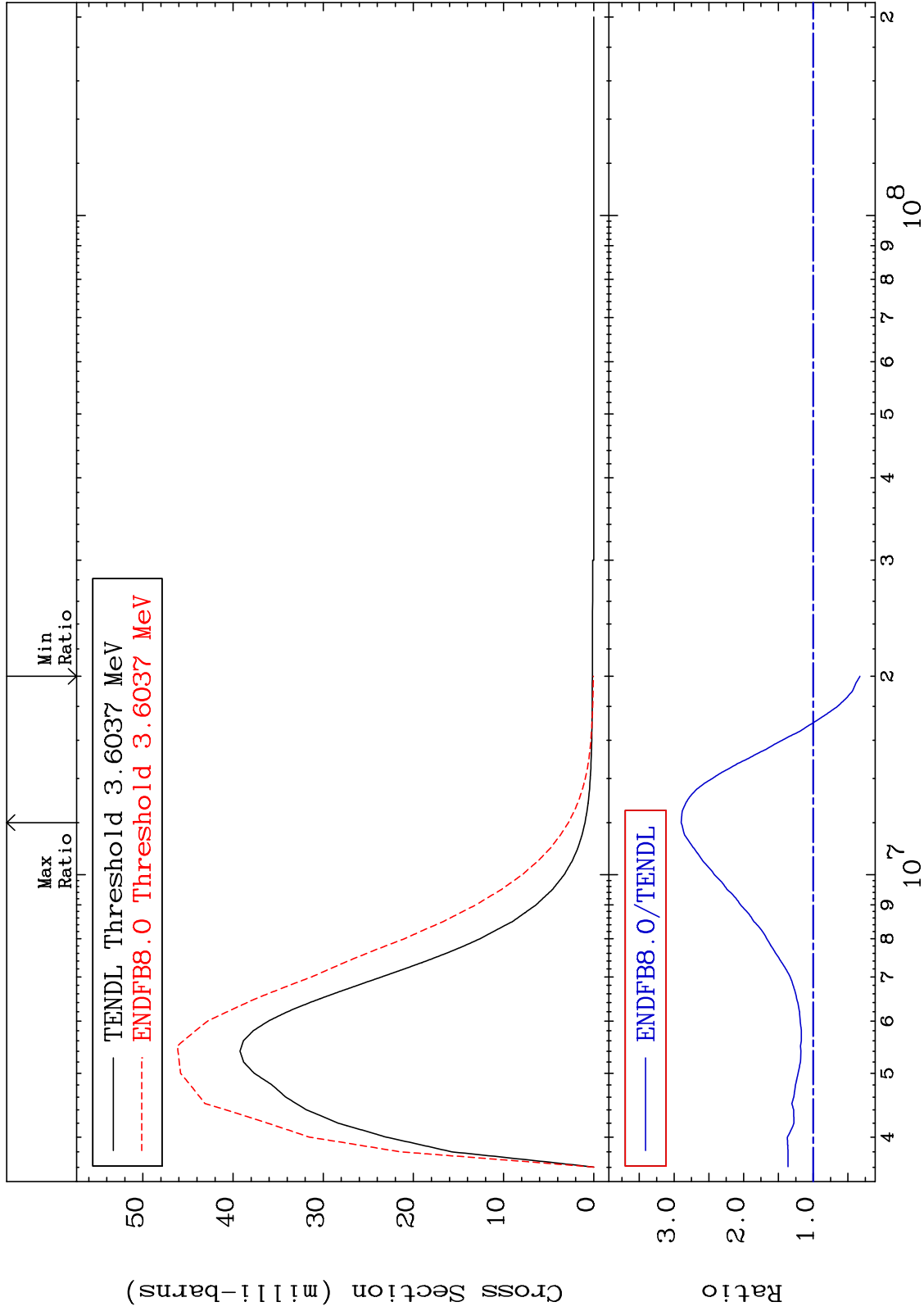
Incident Energy (eV)

18-Ar-40

MAT 1837

MT= 58 (n,n') Level  
Cross Section

18-Ar-40  
-67.28 To 189.7 %



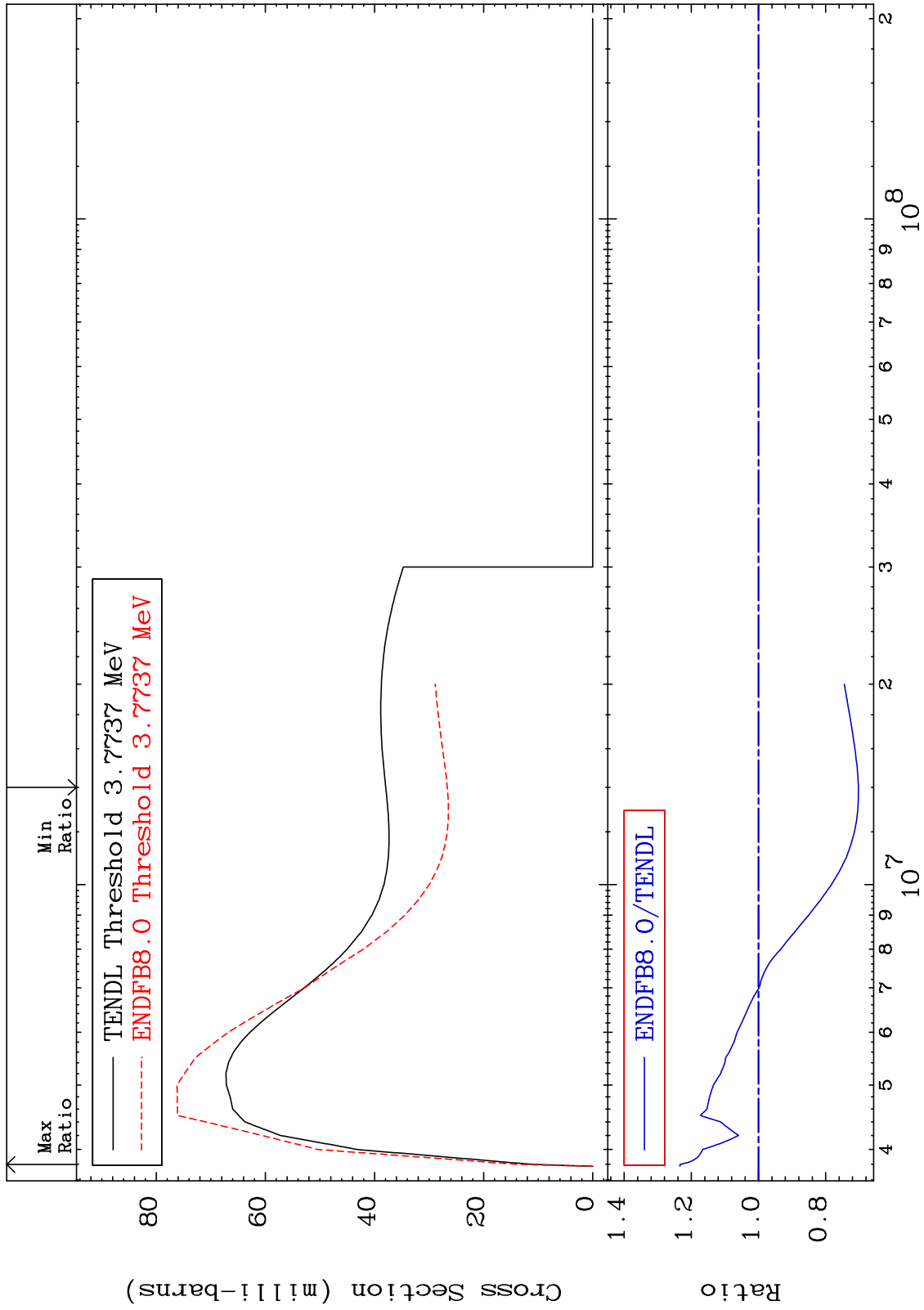
15

Incident Energy (eV)

18-Ar-40



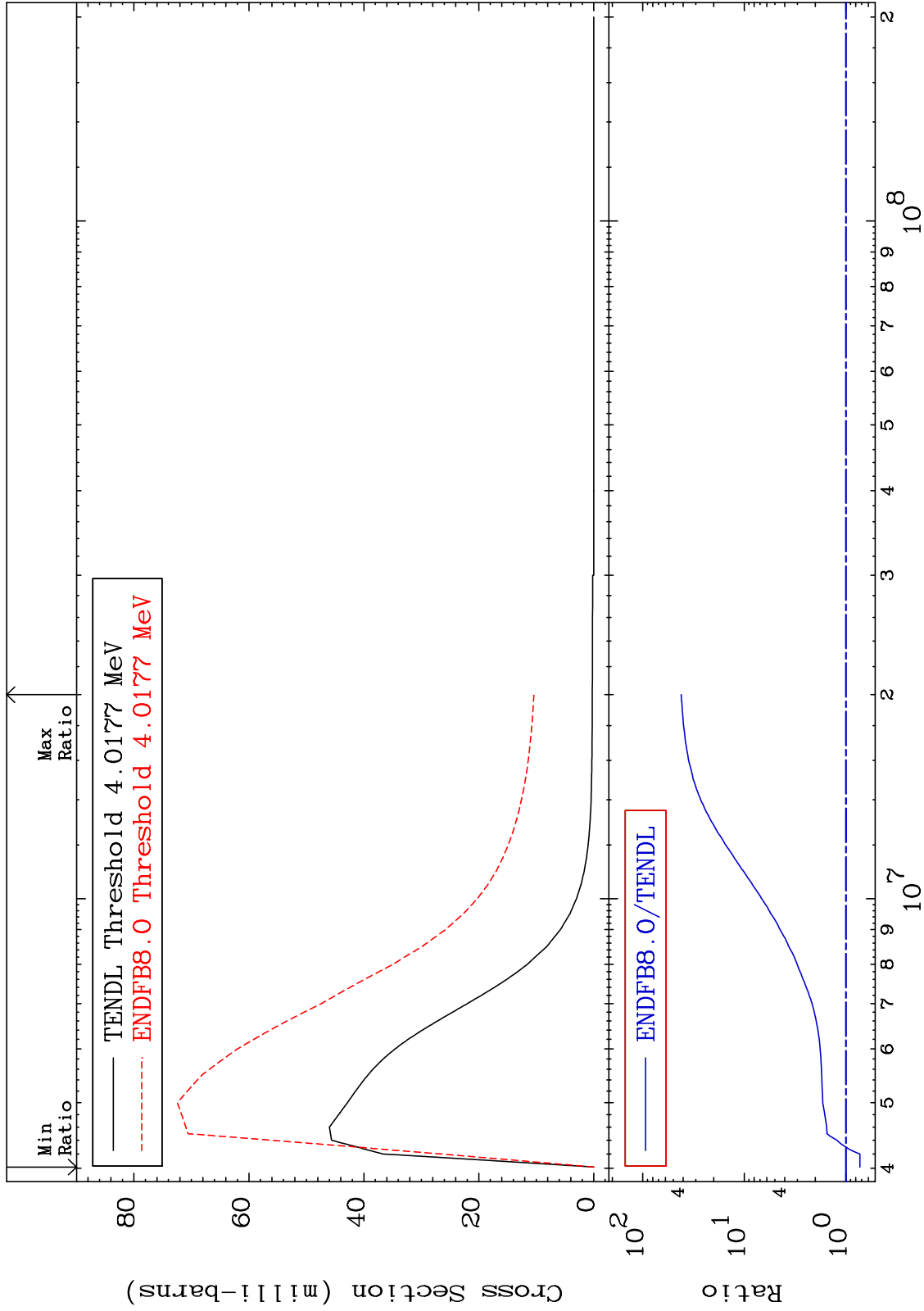
MAT 1837 MT= 59 (n,n') Level Cross Section 18-Ar-40  
 -29.75 To 23.37 %



MAT 1837

MT= 60 (n,n') Level  
Cross Section

18-Ar-40  
-27.27 To 4084. %



17

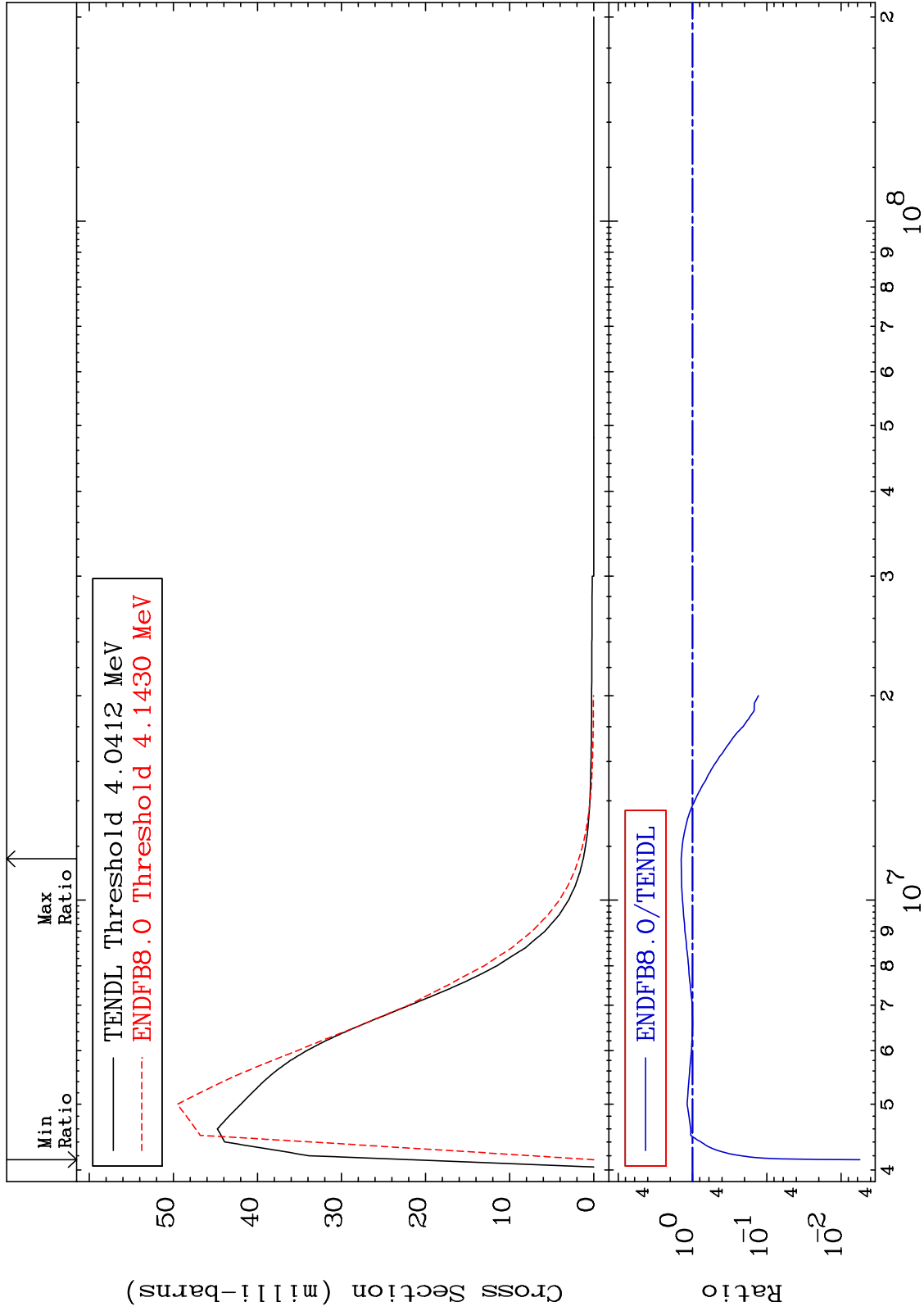
Incident Energy (eV)

18-Ar-40

MAT 1837

MT= 61 (n,n') Level  
Cross Section

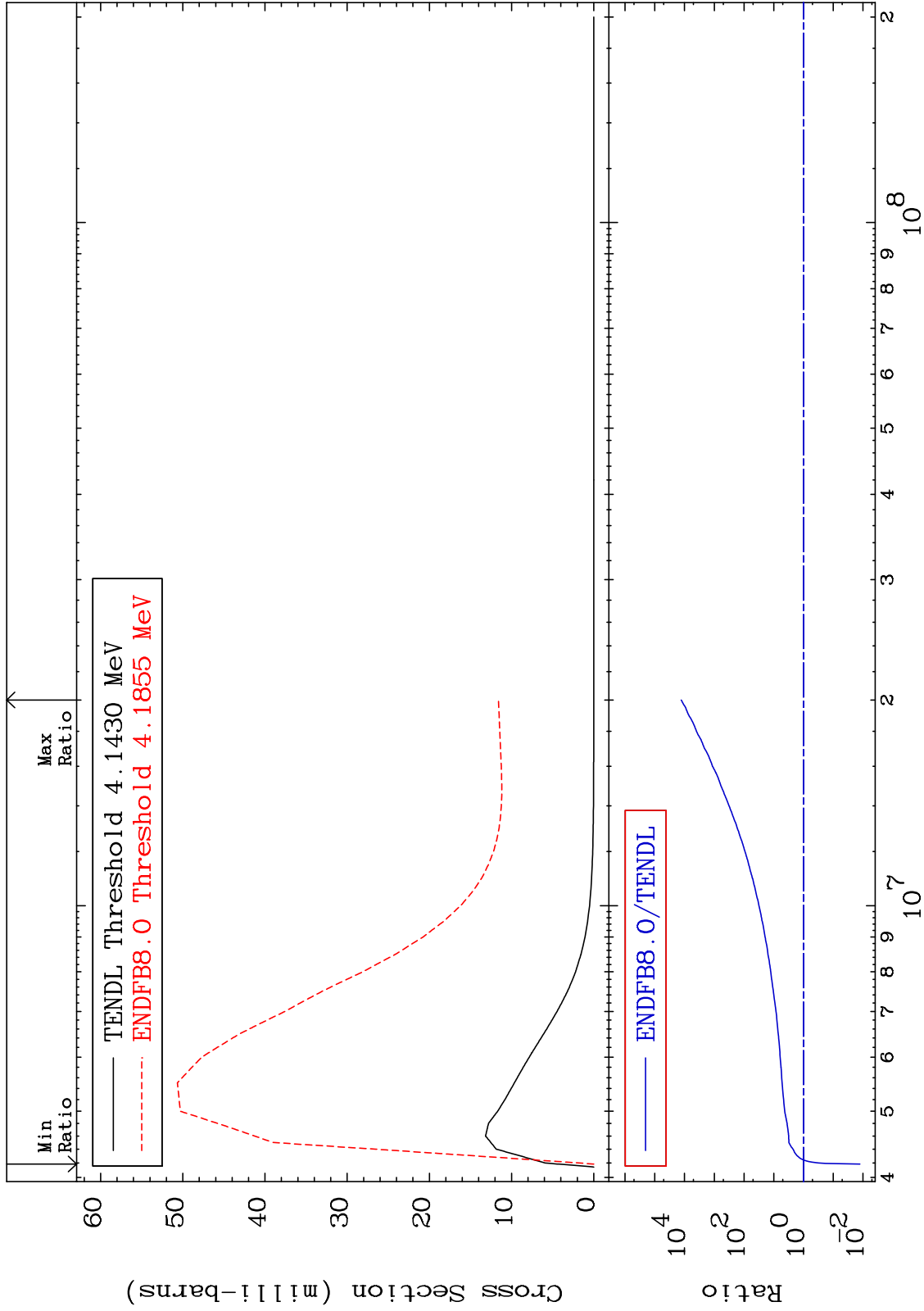
18-Ar-40  
-99.44 To 41.78 %



MAT 1837

MT= 62 (n,n') Level  
Cross Section

18-Ar-40  
-98.74 To 9999. %



19

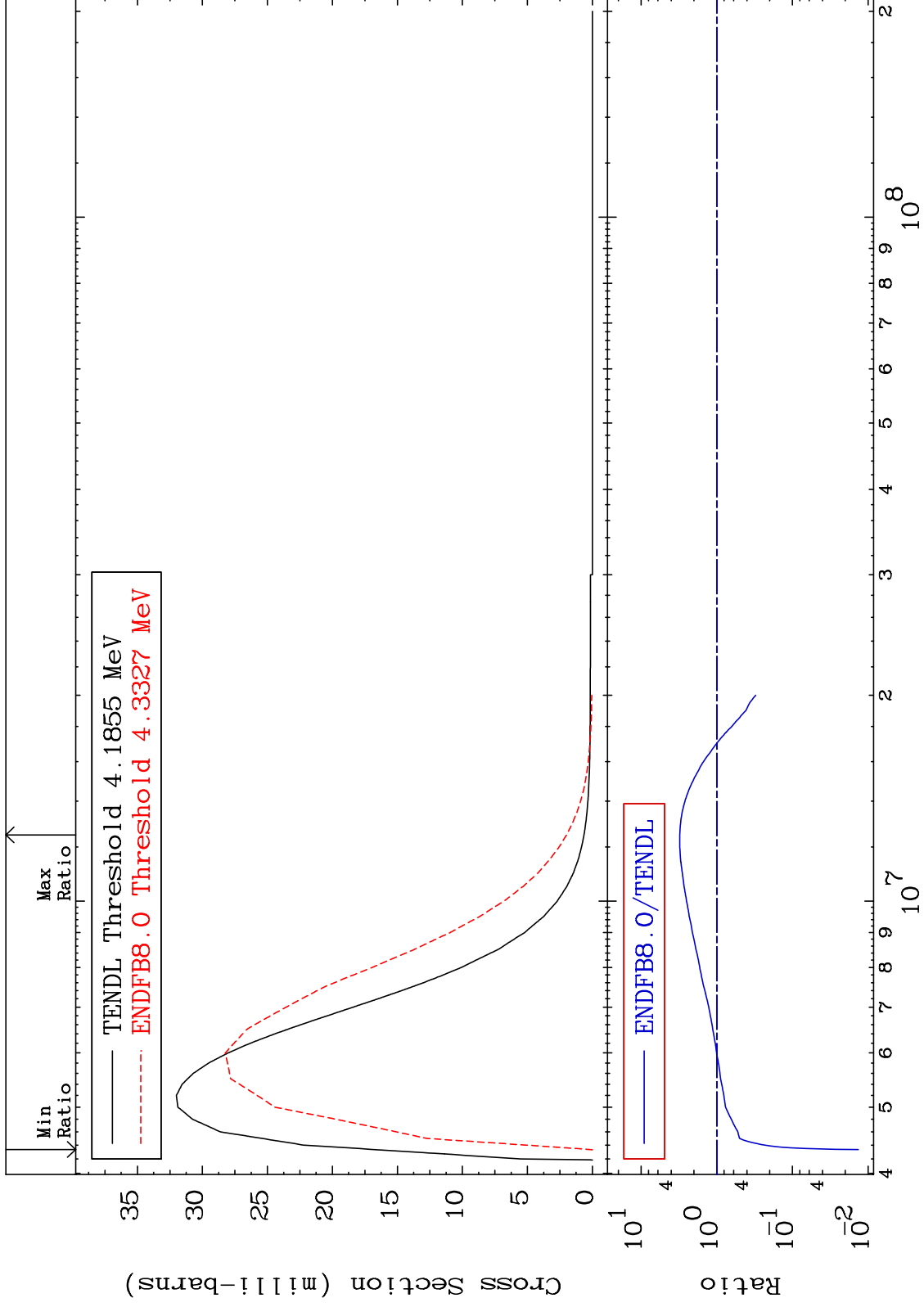
Incident Energy (eV)

18-Ar-40

MAT 1837

MT= 63 (n,n') Level  
Cross Section

18-Ar-40  
-98.66 To 208.3 %



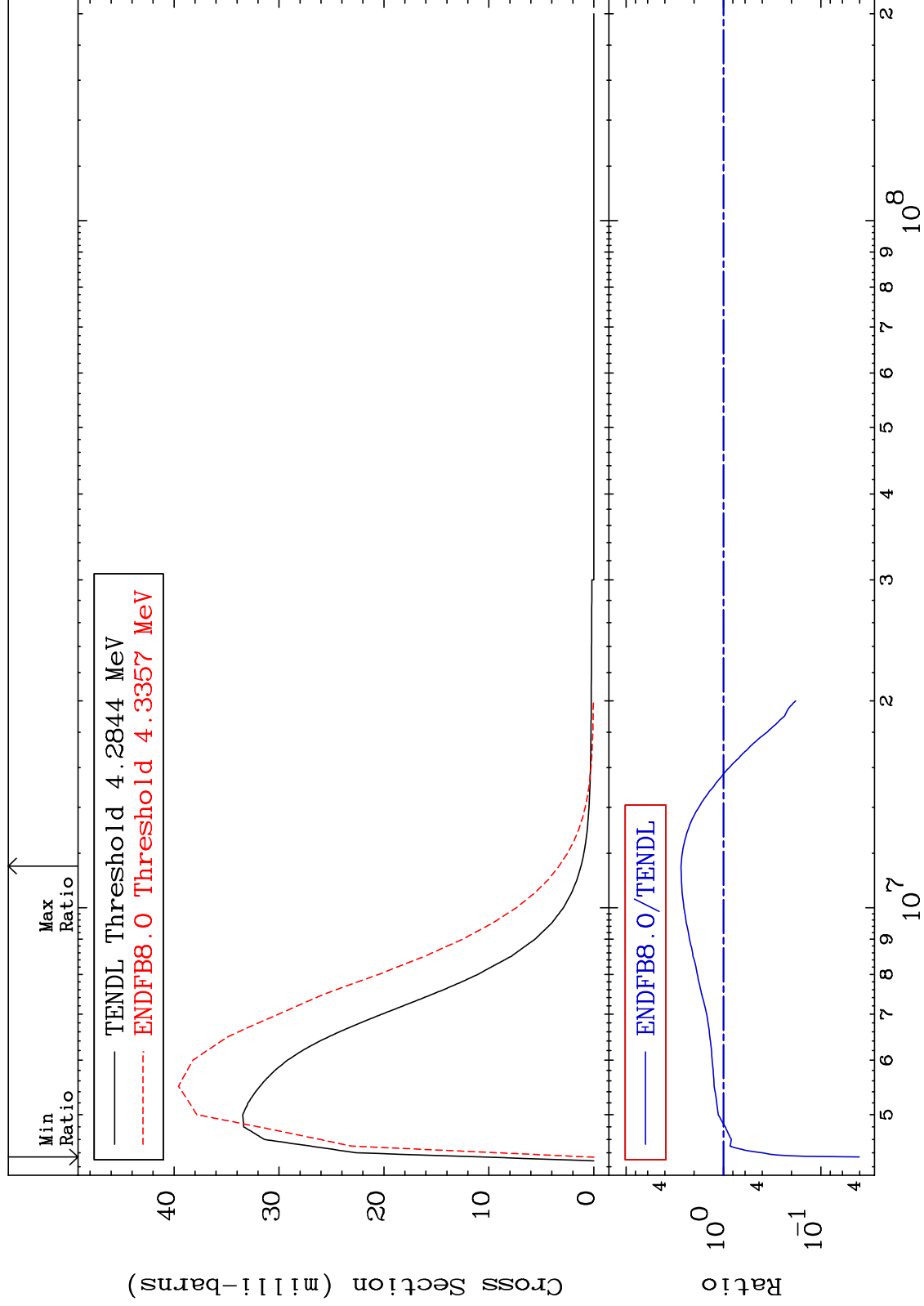
20

18-Ar-40

MAT 1837

MT= 64 (n,n') Level  
Cross Section

18-Ar-40  
-95.96 To 172.2 %



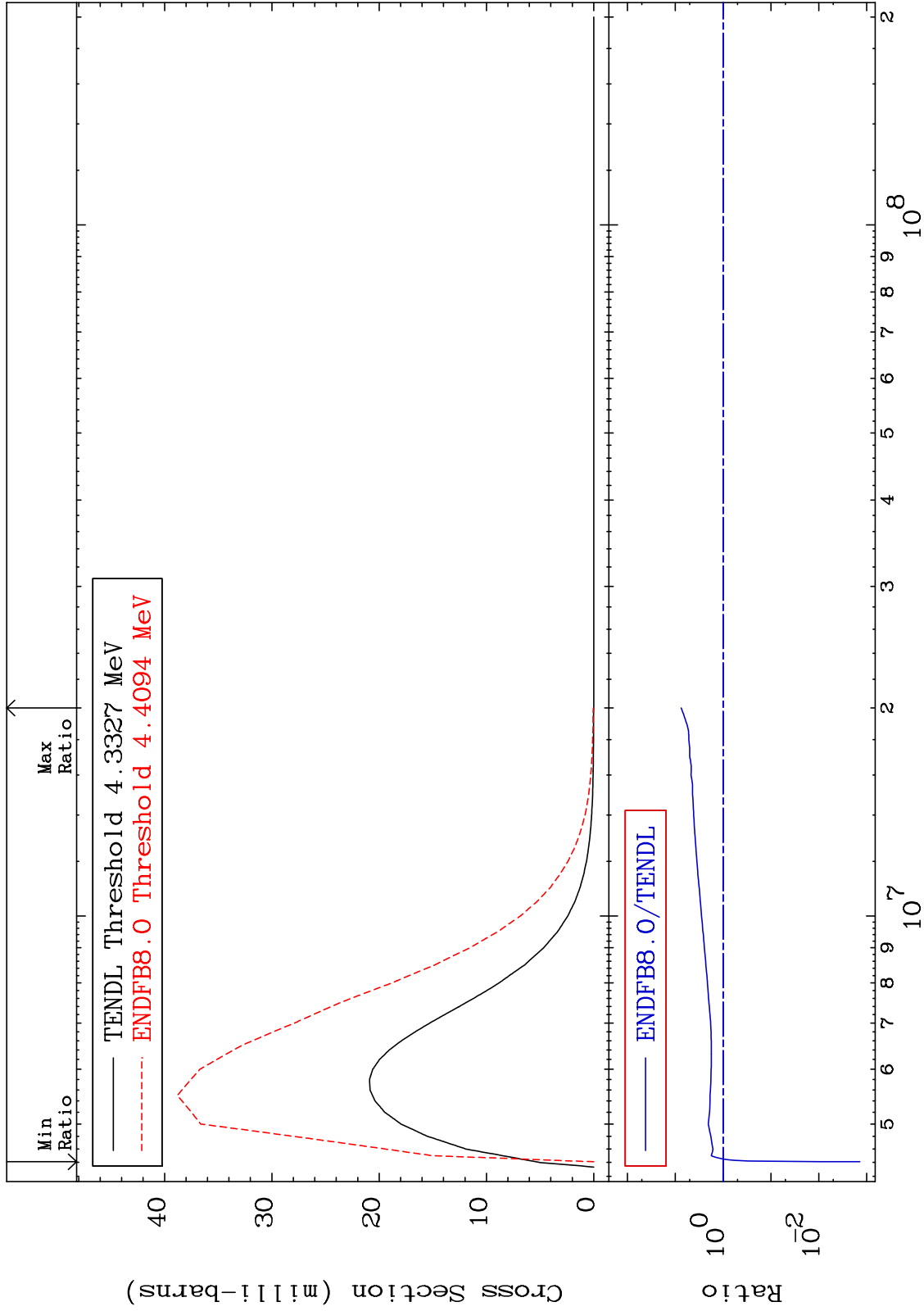
21

18-Ar-40

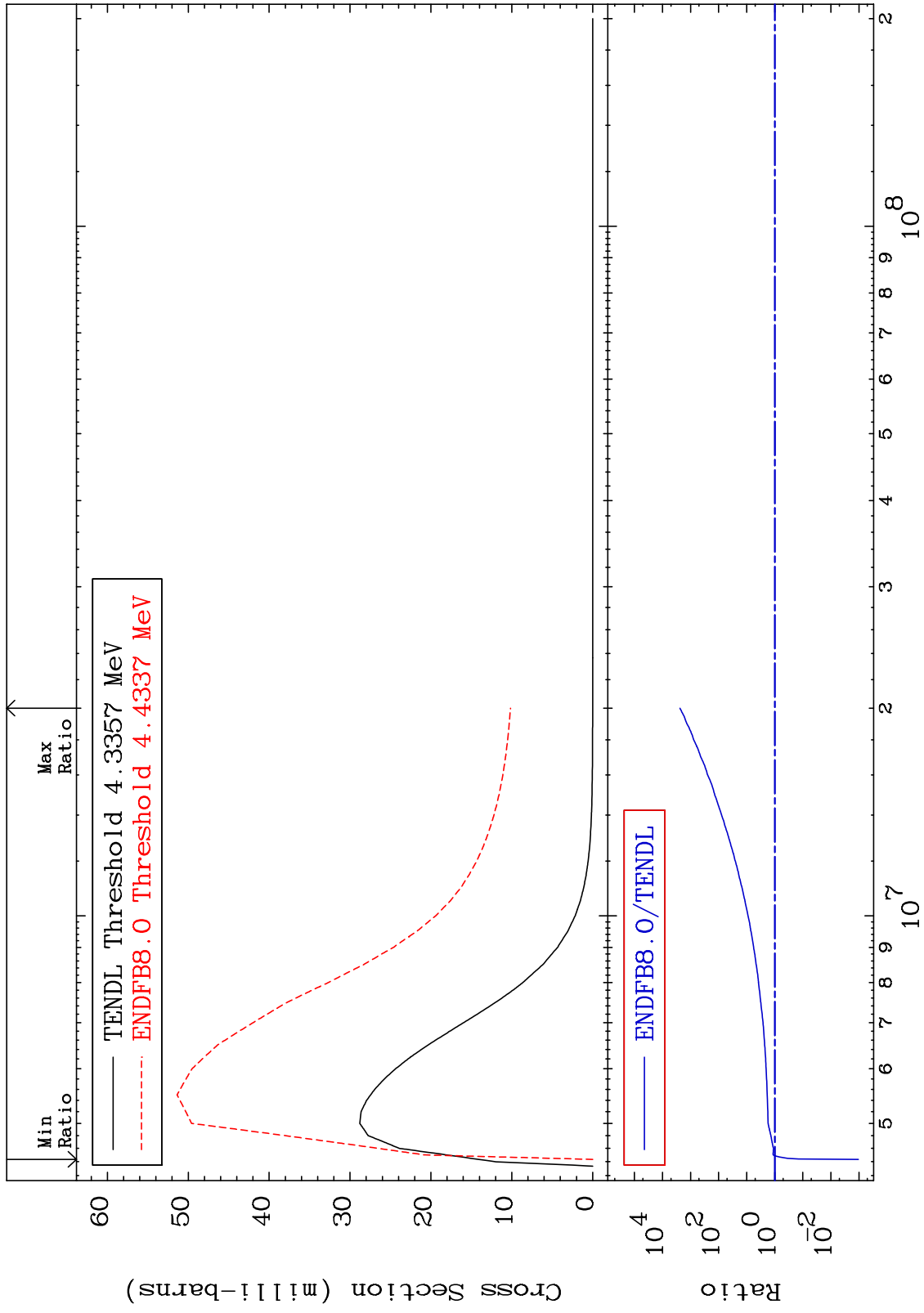
MAT 1837

MT= 65 (n,n') Level  
Cross Section

18-Ar-40  
-99.86 To 652.2 %



MAT 1837 MT= 66 (n,n') Level Cross Section -99.90 To 9999. % 18-Ar-40

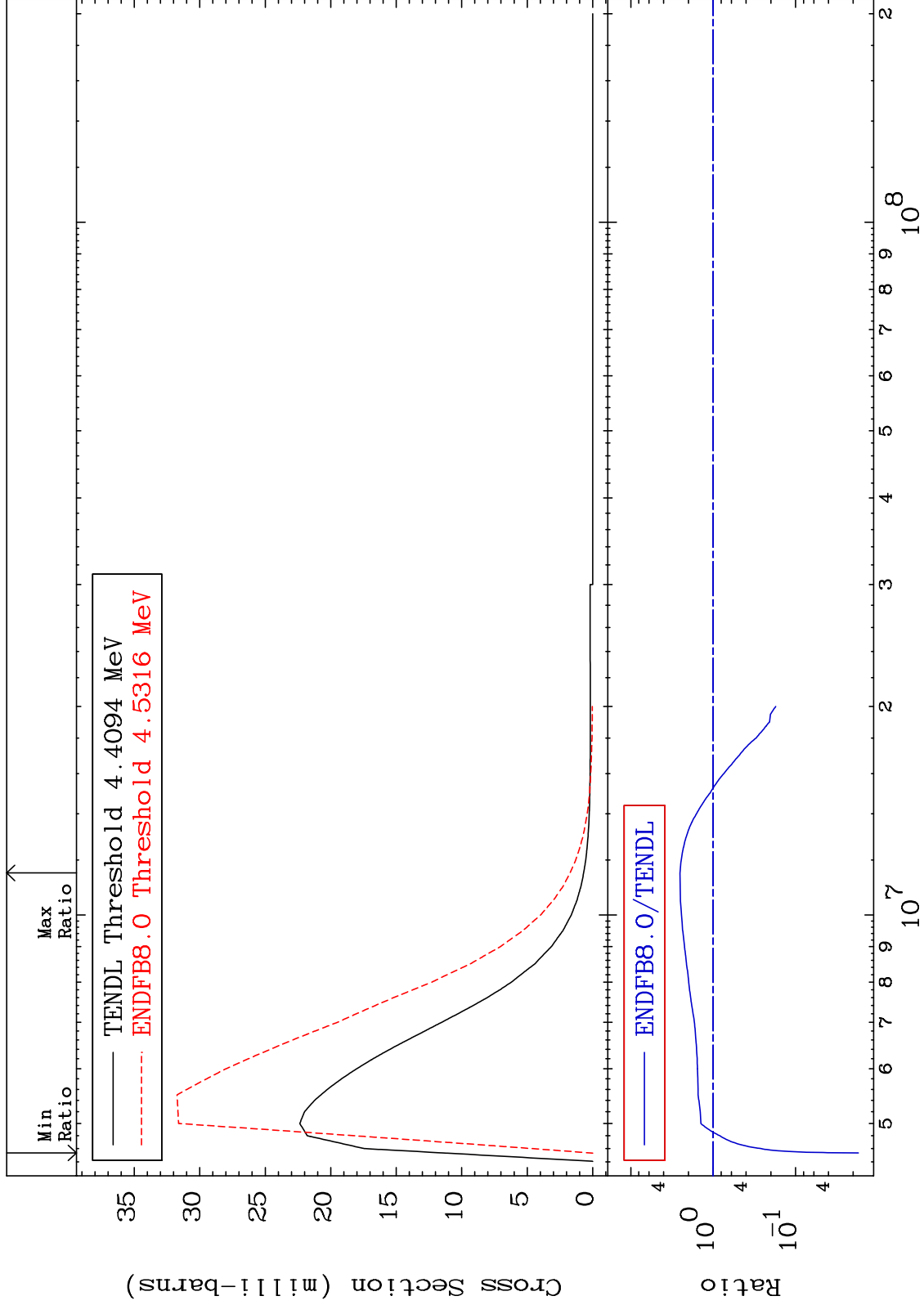




MAT 1837

MT= 67 (n,n') Level  
Cross Section

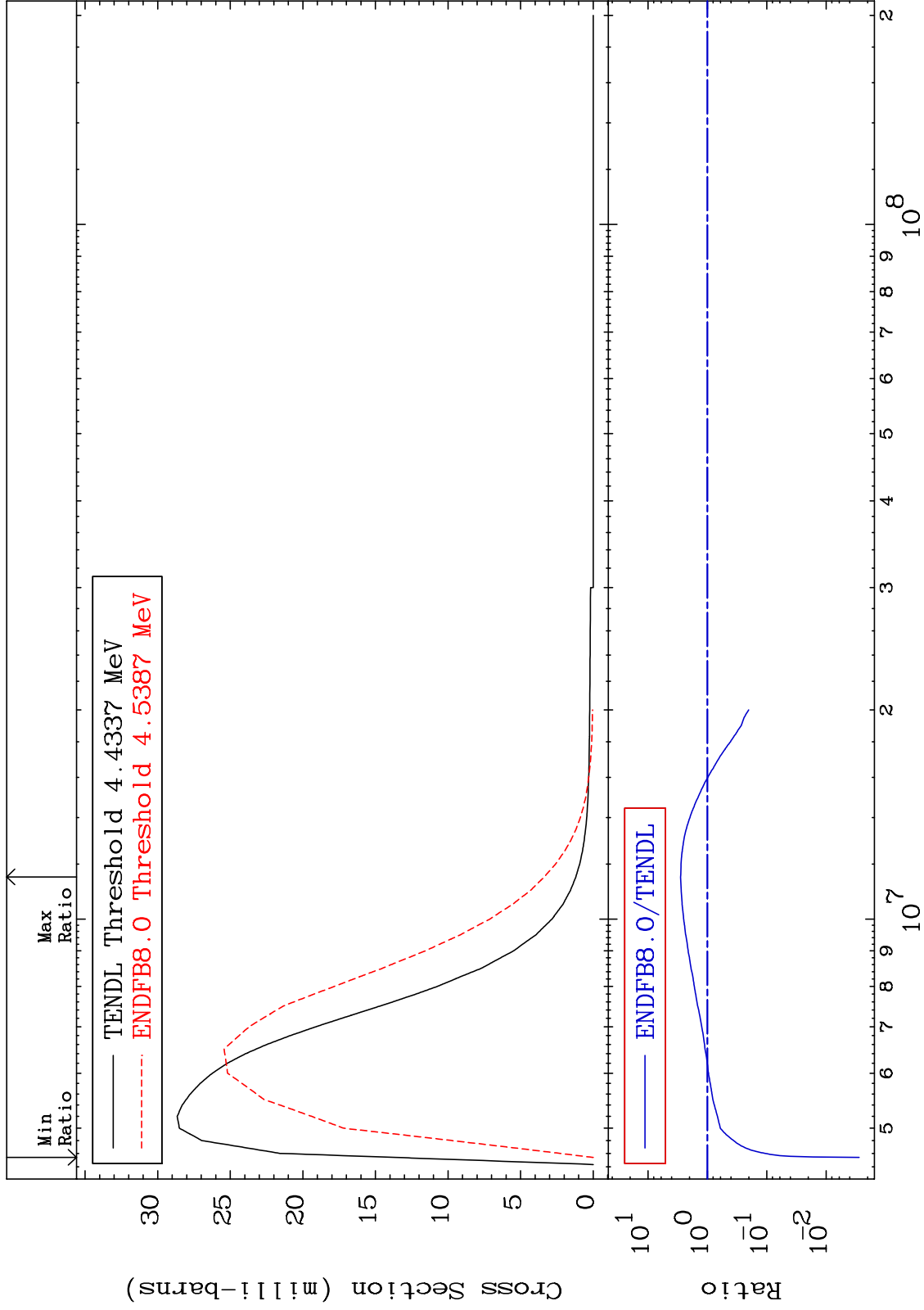
18-Ar-40  
-98.27 To 152.7 %



MAT 1837

MT= 68 (n,n') Level  
Cross Section

18-Ar-40  
-99.72 To 181.8 %



25

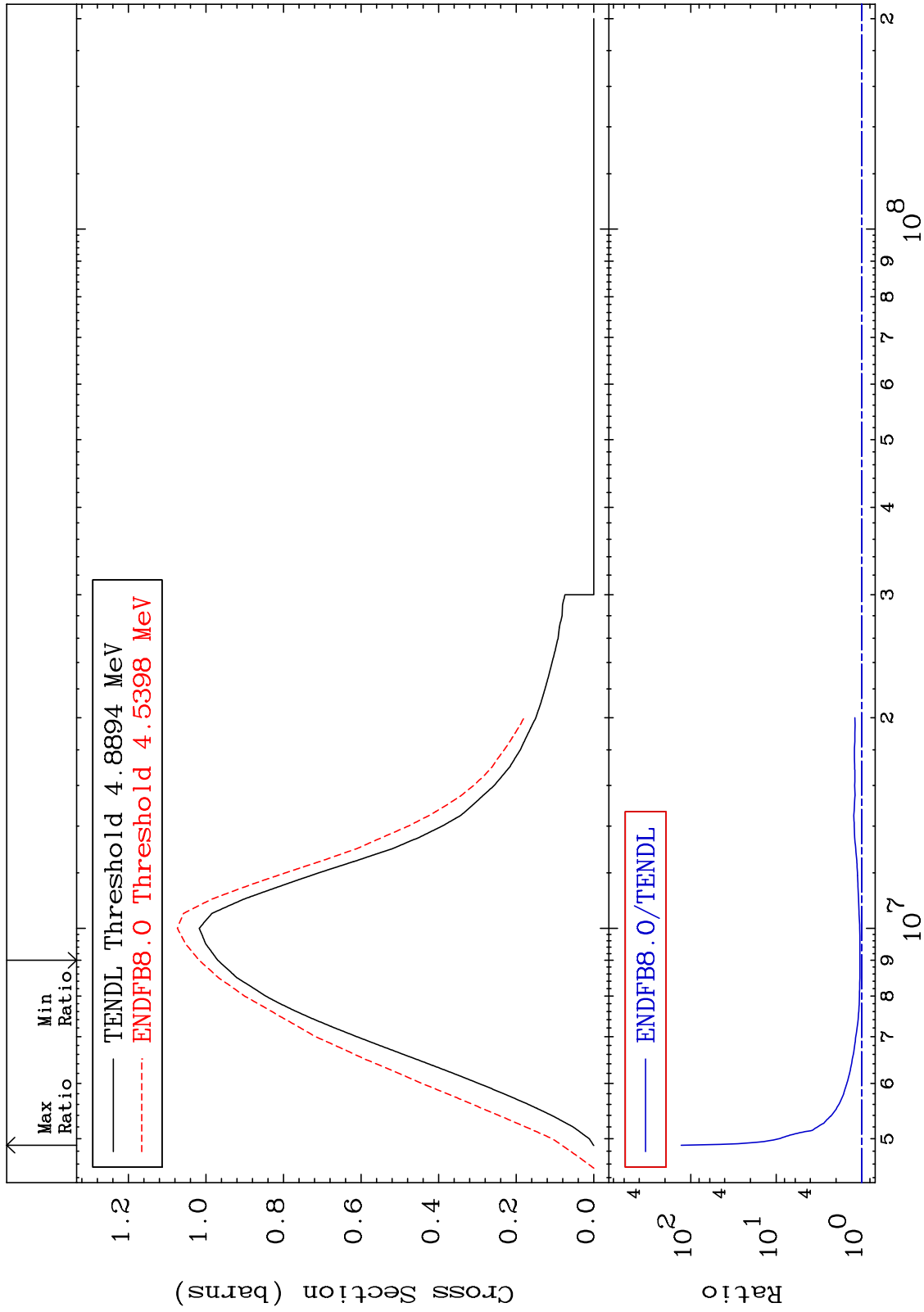
Incident Energy (eV)

18-Ar-40

MAT 1837

(n,n') Continuum  
Cross Section

18-Ar-40  
4.962 To 9999. %



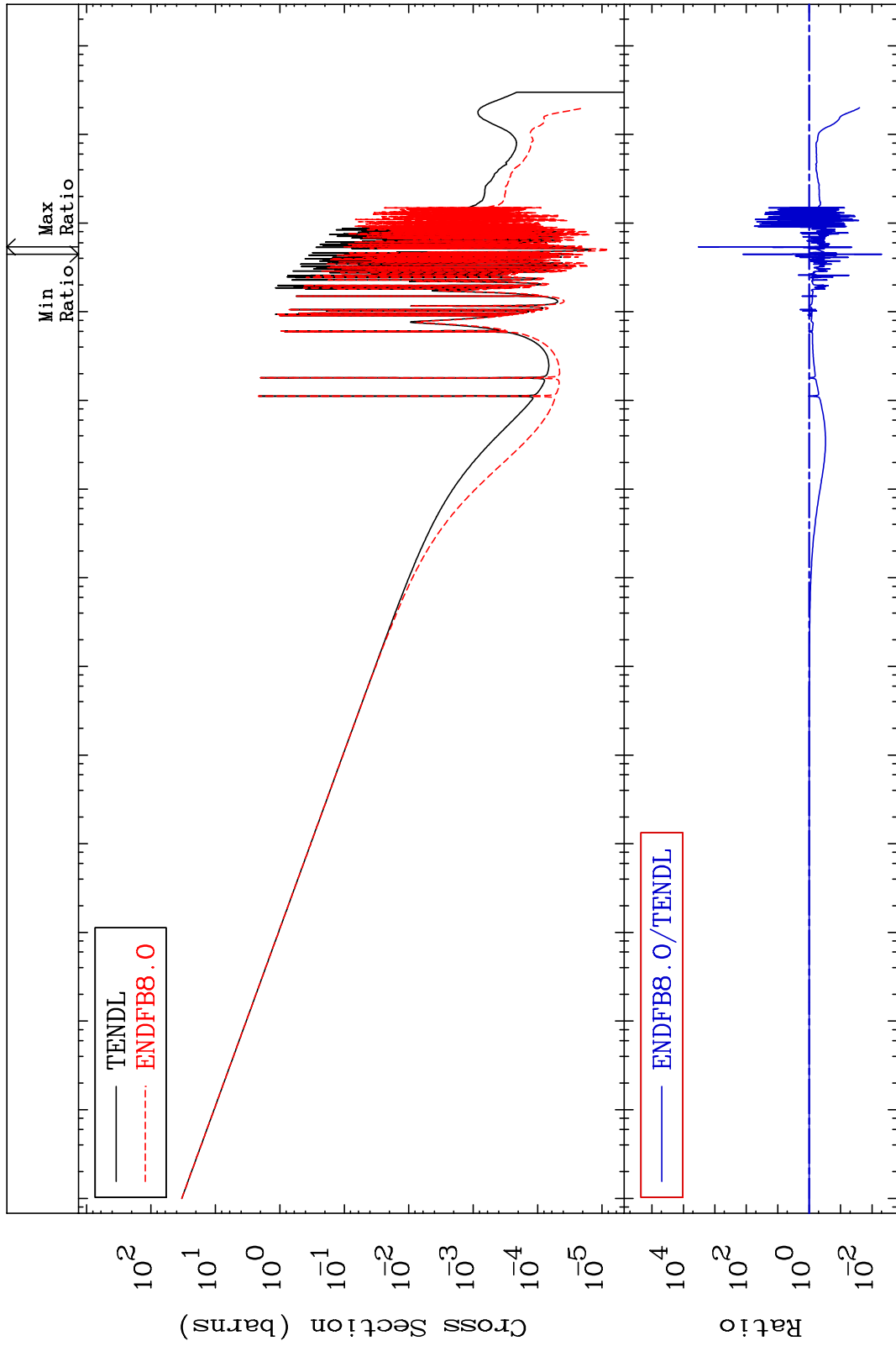
MAT 1837

(n,  $\gamma$ )

18-Ar-40

Cross Section

-99.50 To 9999. %



Incident Energy (eV)

27

18-Ar-40

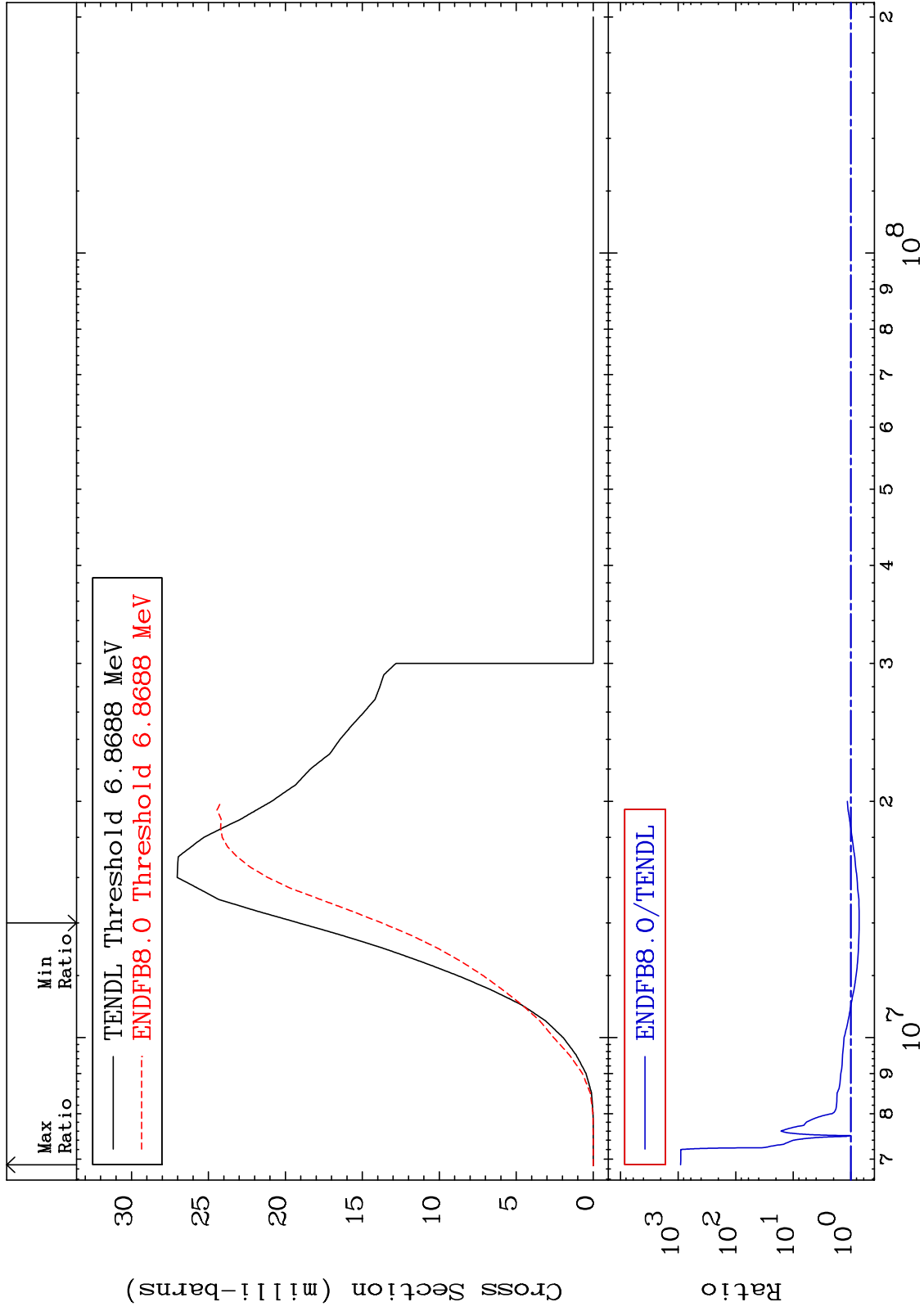
MAT 1837

(n,p)

18-Ar-40

Cross Section

-28.21 To 9999. %



28

Incident Energy (eV)

18-Ar-40

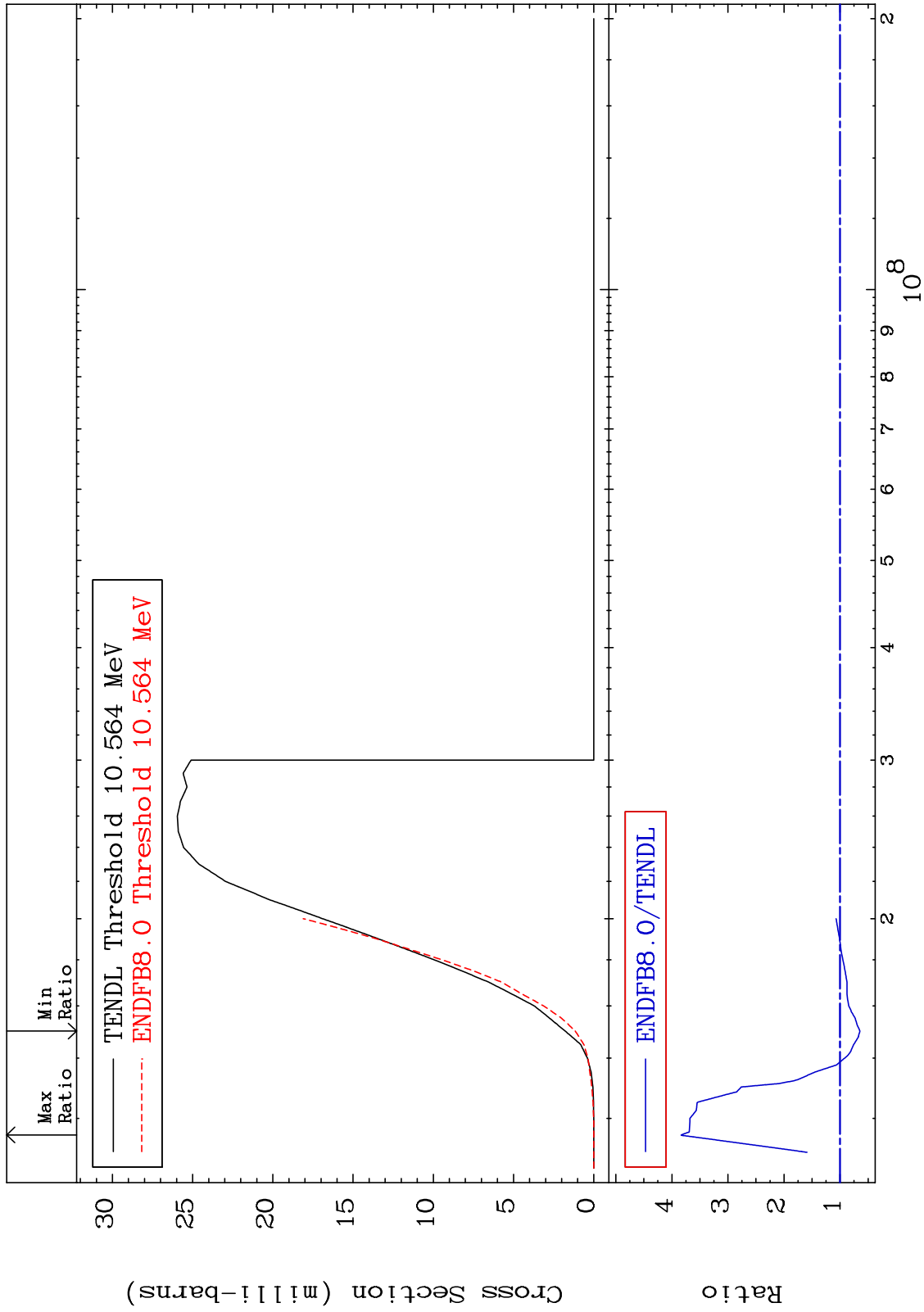
MAT 1837

(n,d)

18-Ar-40

Cross Section

-35.43 To 283.3 %



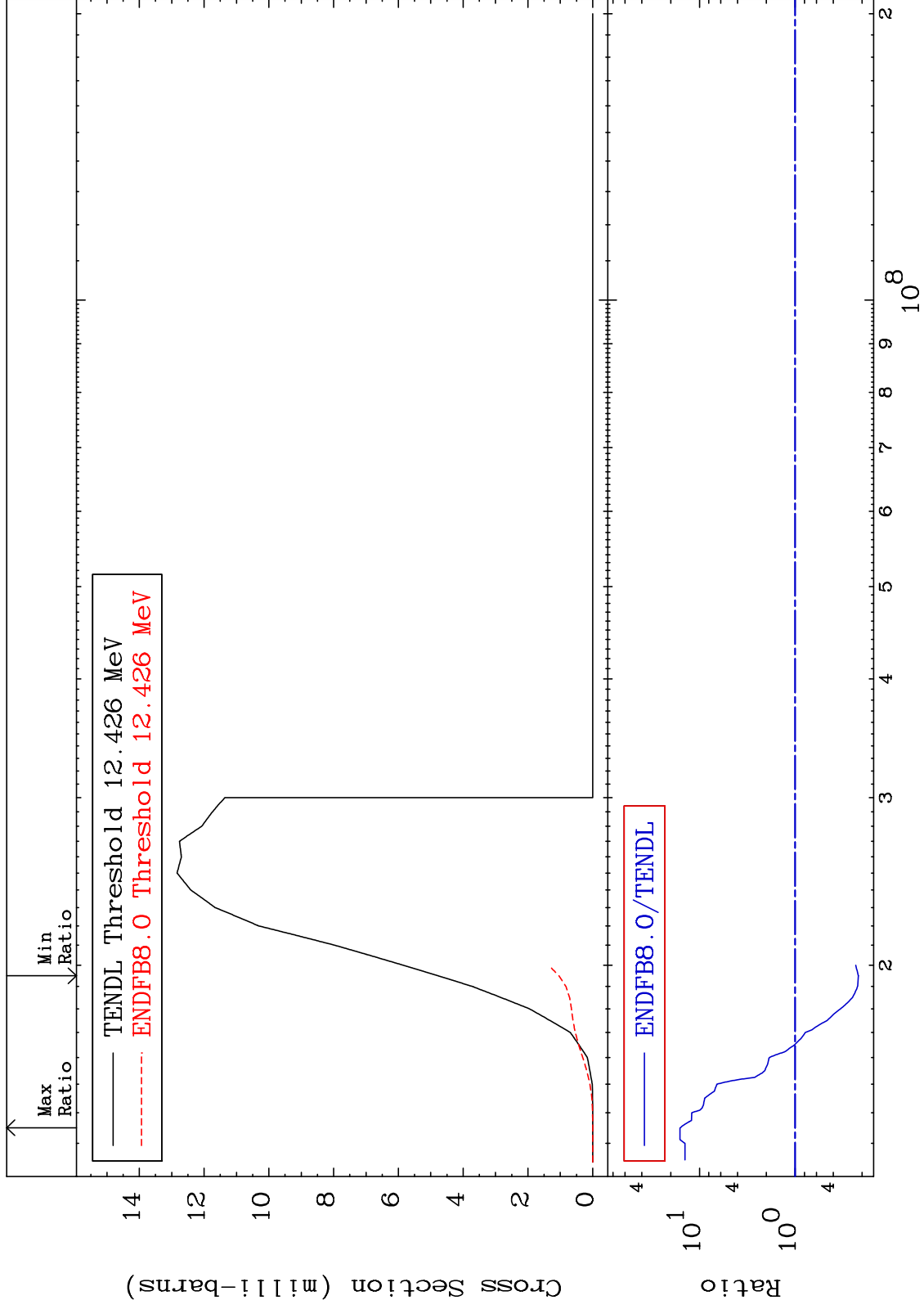
MAT 1837

(n, t)

18-Ar-40

Cross Section

-78.17 To 1498. %



30

Incident Energy (eV)

18-Ar-40

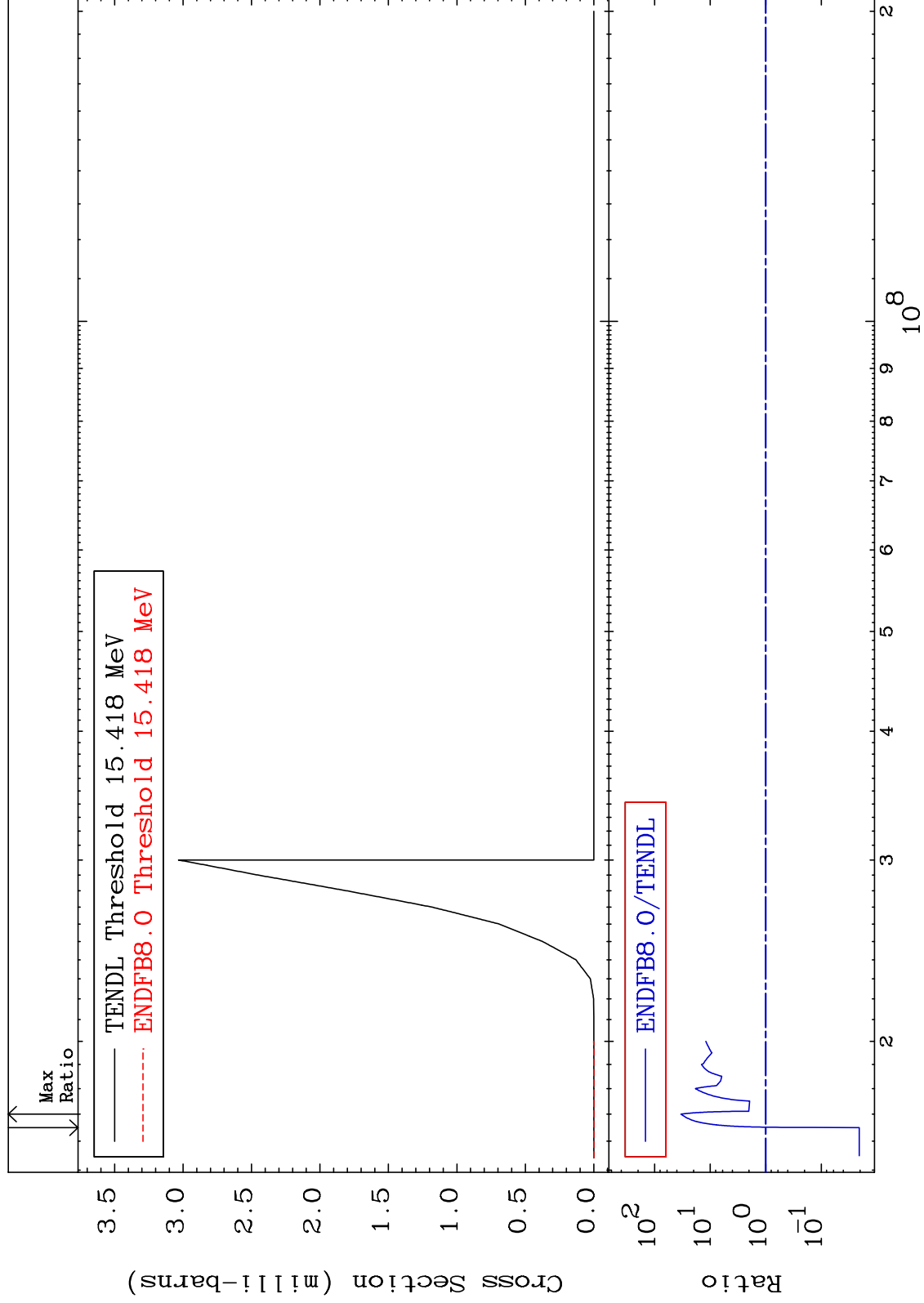
MAT 1837

(n, He-3)

18-Ar-40

Cross Section

-97.94 To 3254. %





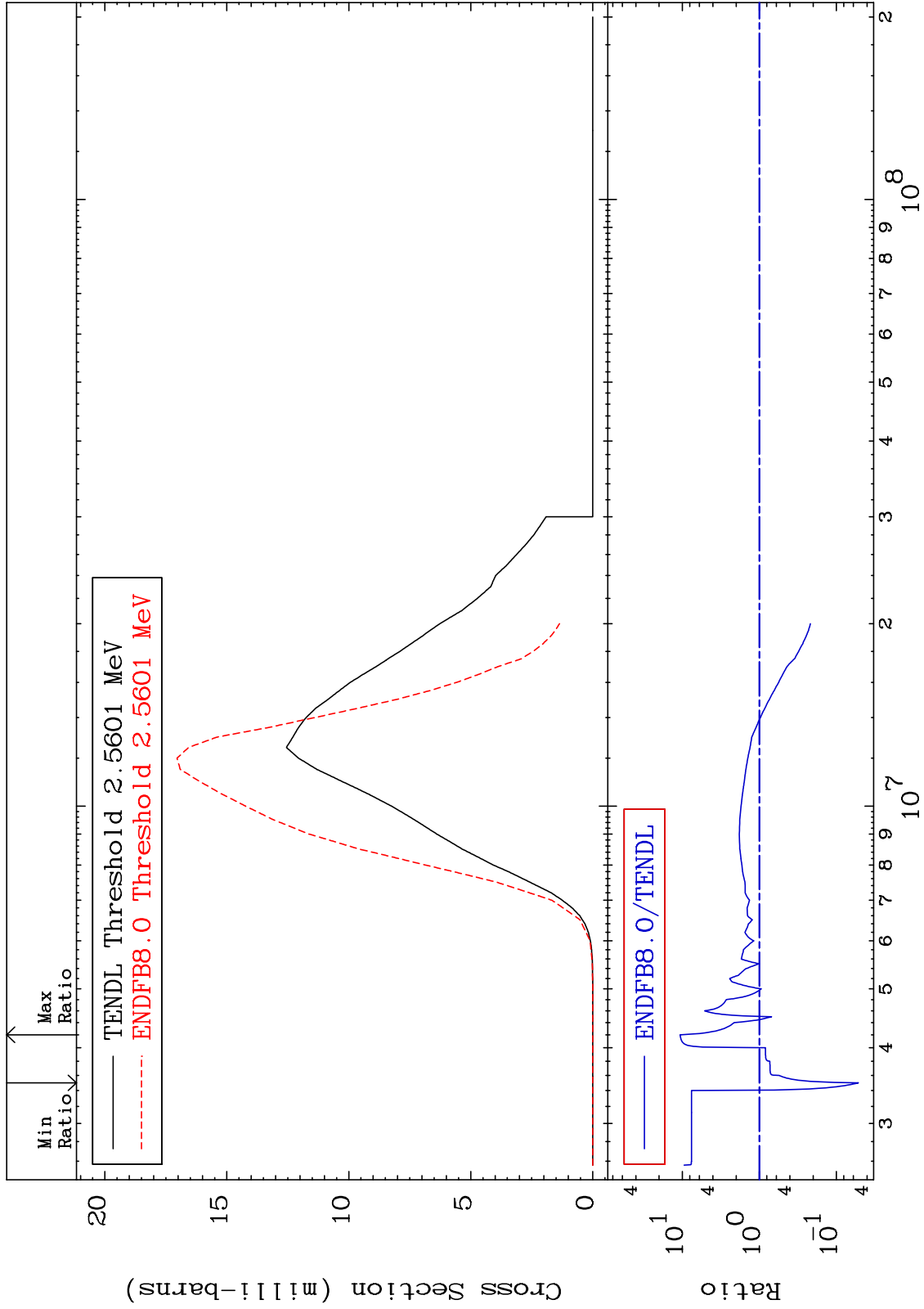
MAT 1837

(n,  $\alpha$ )

18-Ar-40

Cross Section

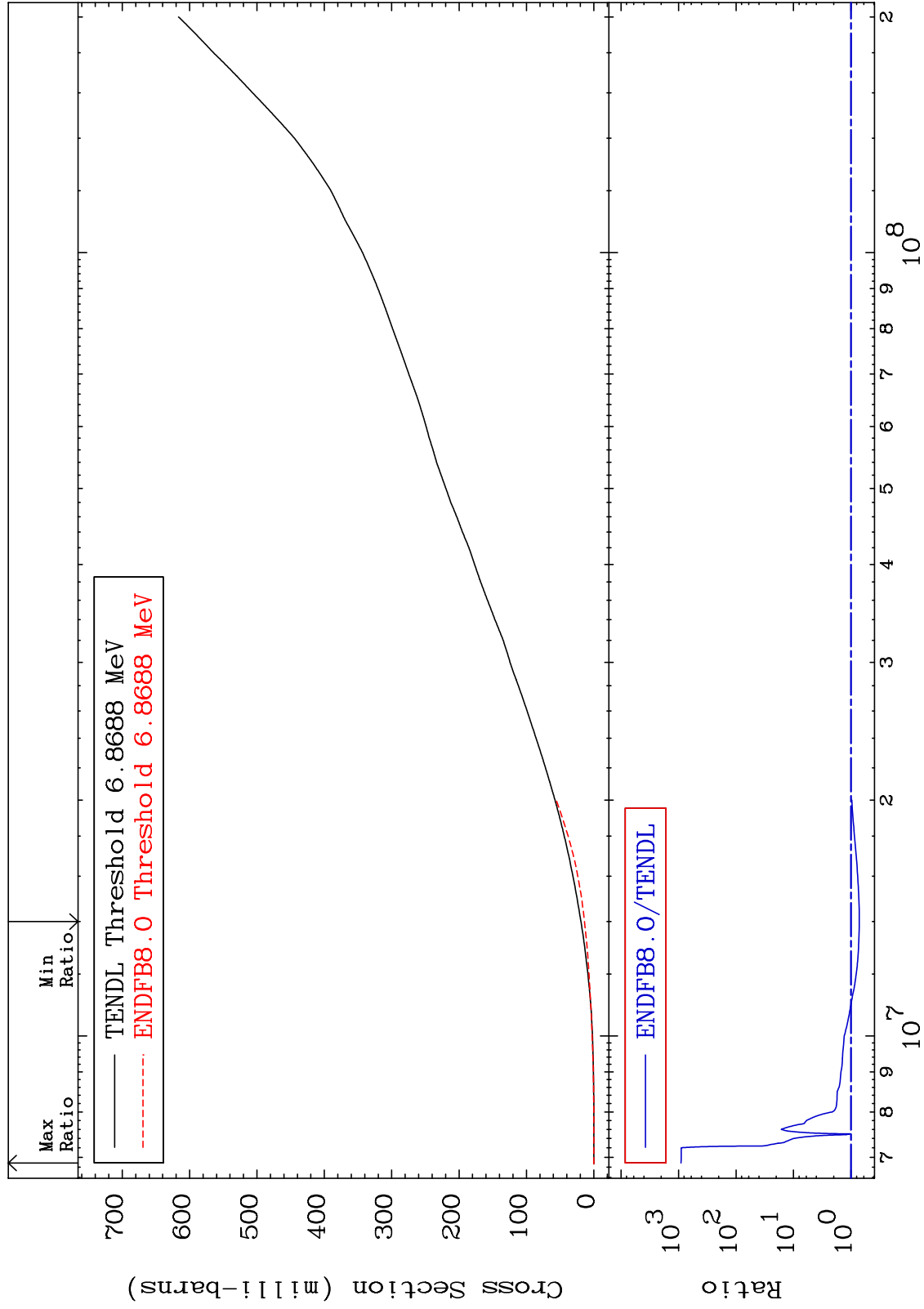
-94.83 To 969.2 %



MAT 1837

Hydrogen Production  
Cross Section

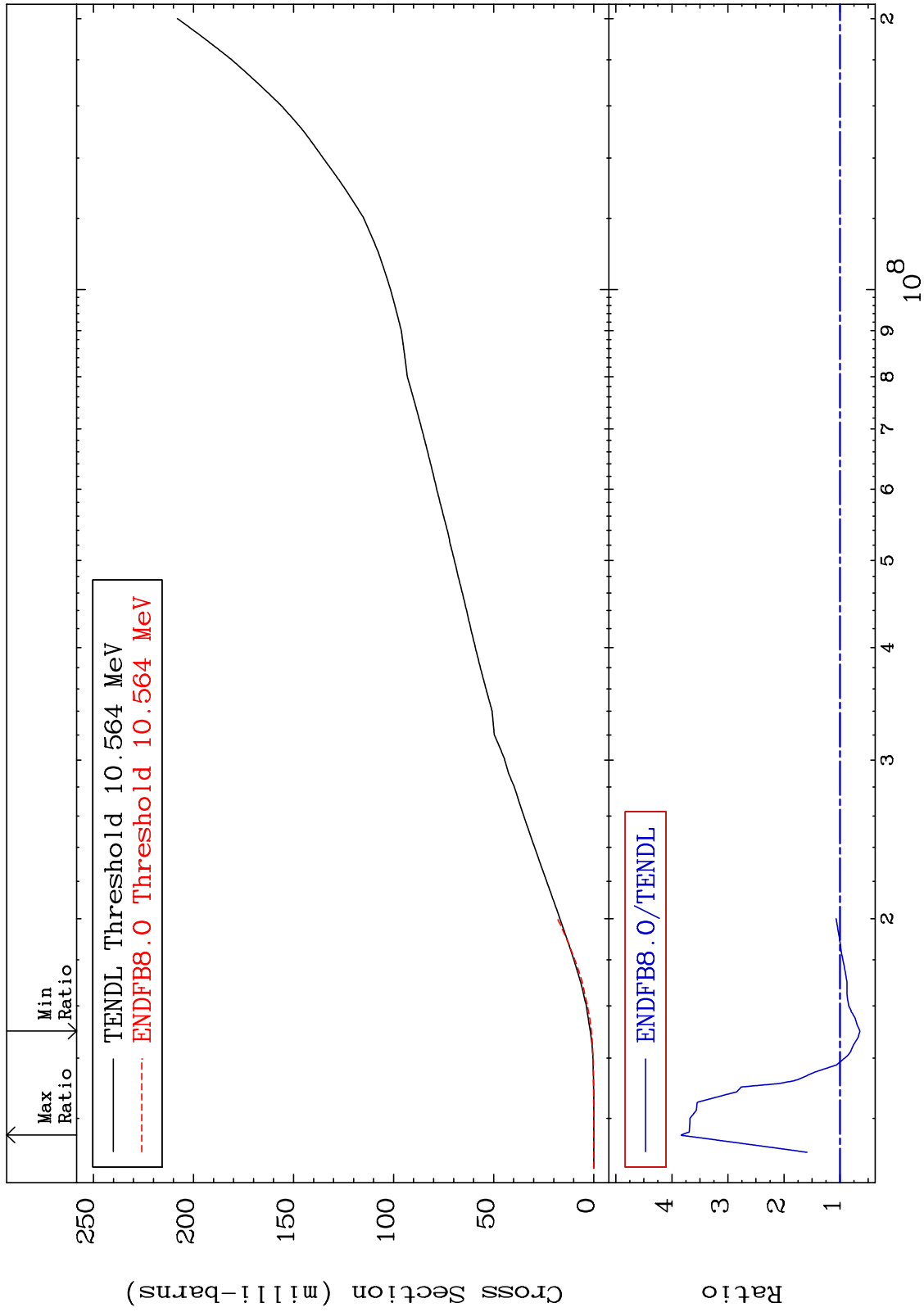
18-Ar-40  
-28.20 To 9999. %



MAT 1837

Deuterium Production  
Cross Section

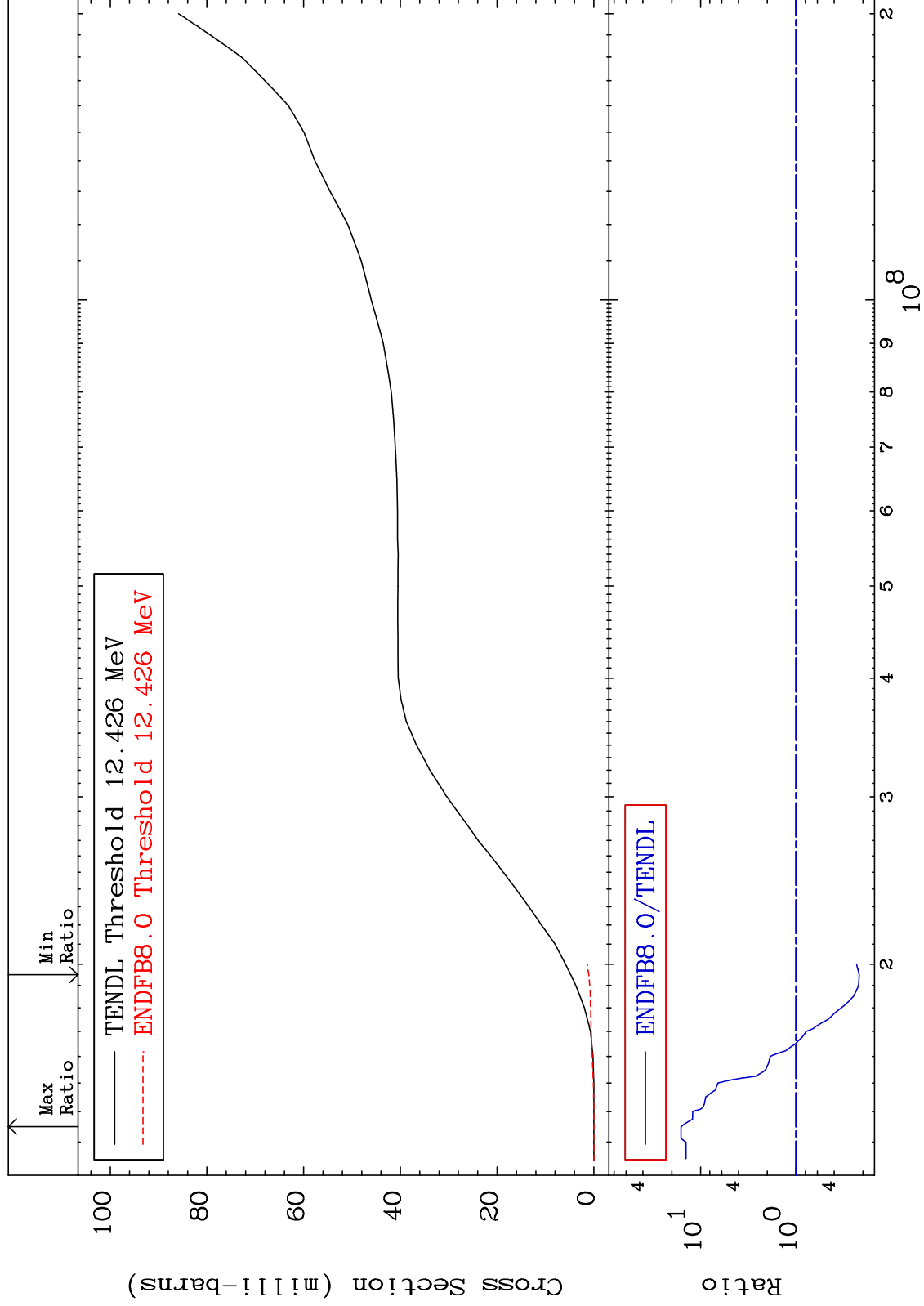
18-Ar-40  
-35.43 To 283.3 %



MAT 1837

Tritium Production  
Cross Section

18-Ar-40  
-78.17 To 1498. %



35

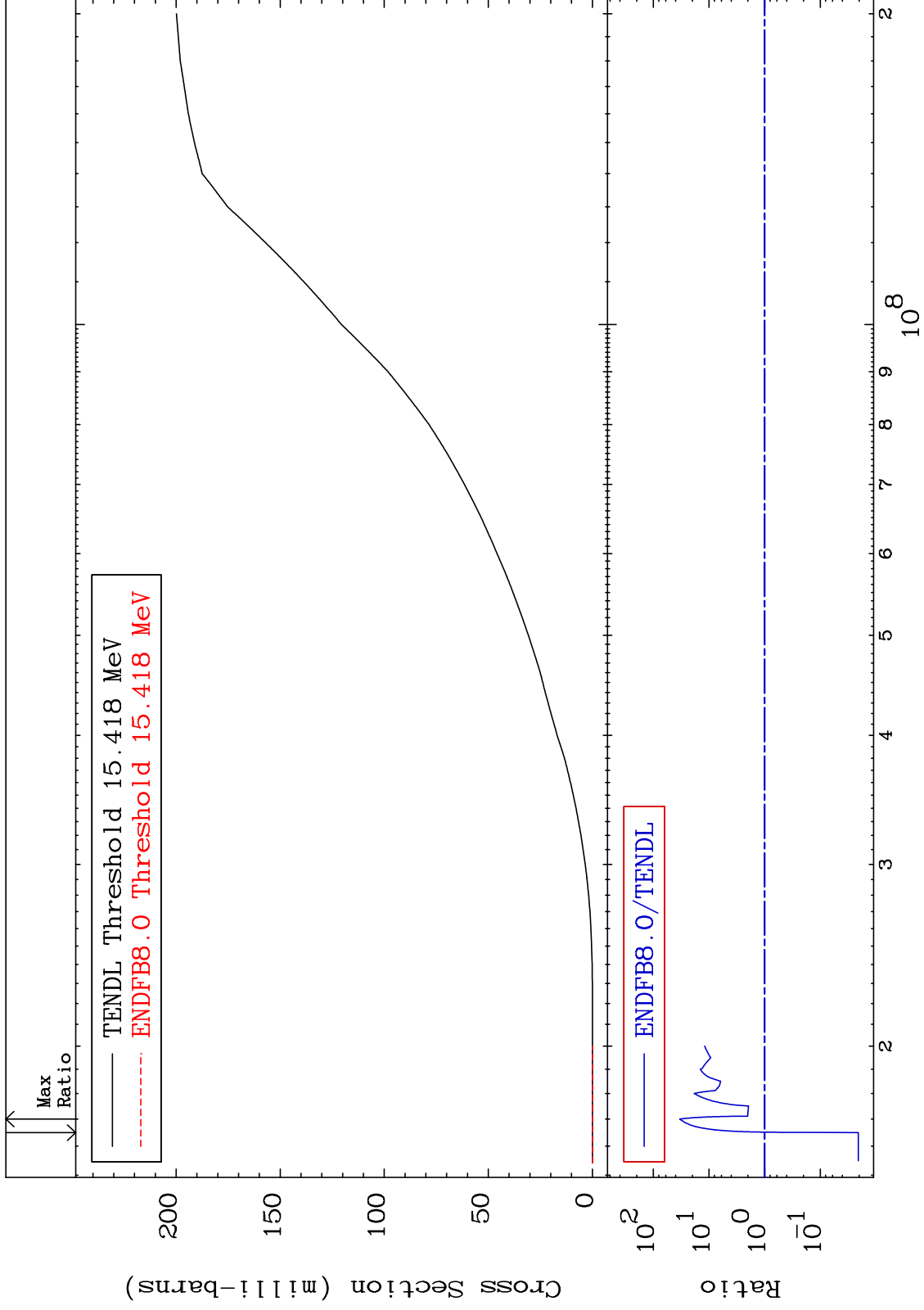
Incident Energy (eV)

18-Ar-40

MAT 1837

He-3 Production  
Cross Section

18-Ar-40  
-97.94 To 3254. %



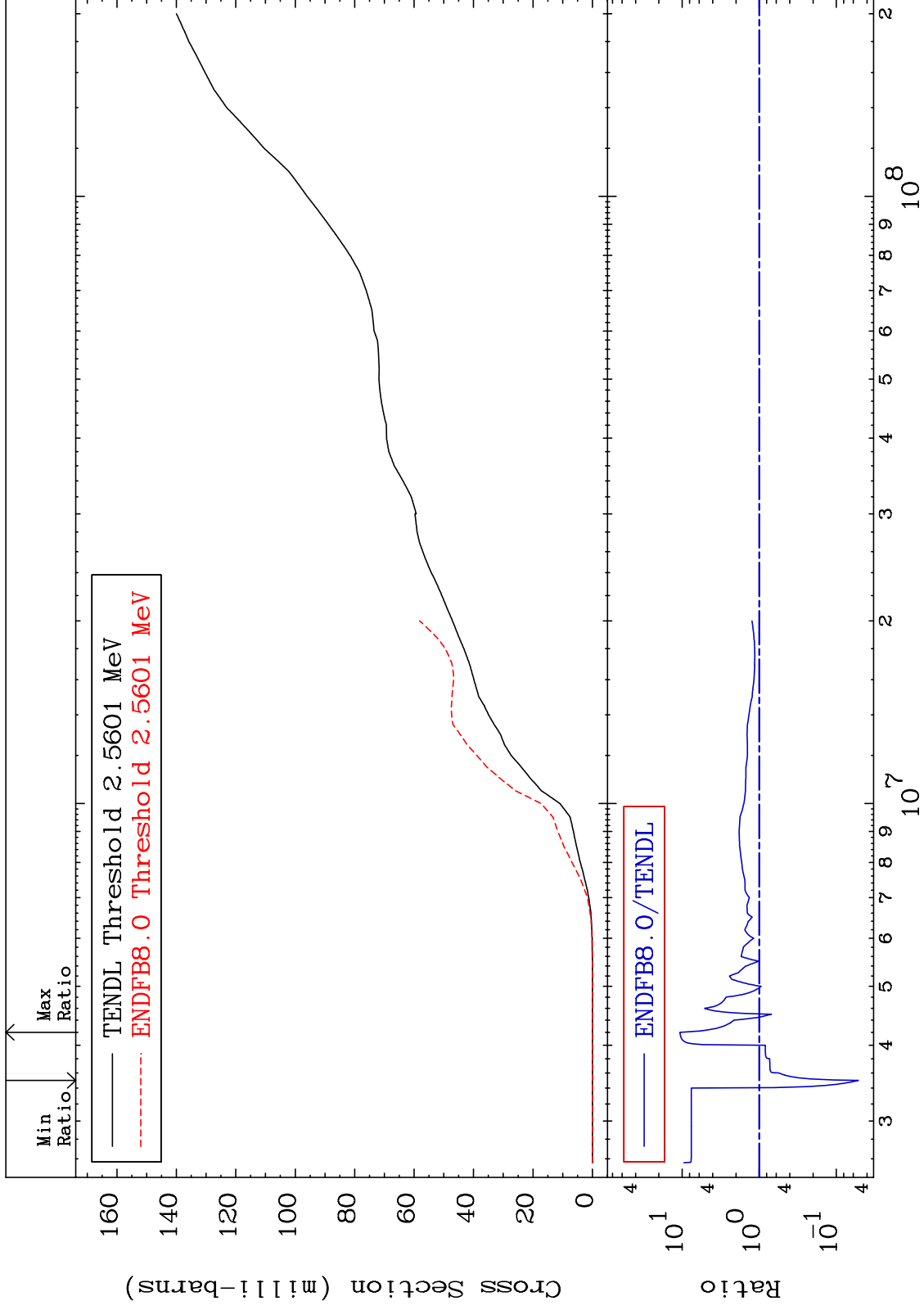
36

18-Ar-40

MAT 1837

He-4 Production  
Cross Section

18-Ar-40  
-94.83 To 969.2 %



37

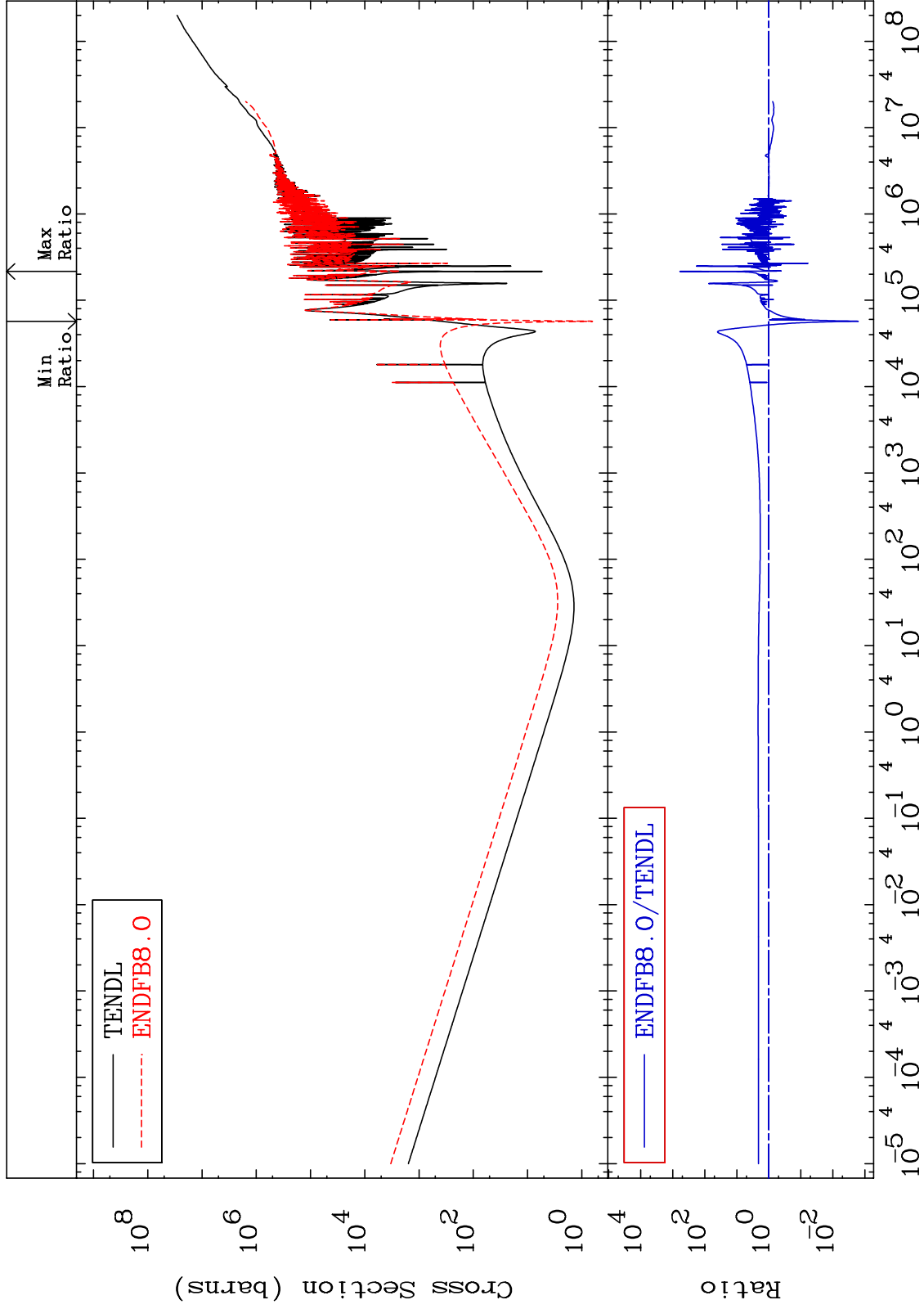
Incident Energy (eV)

18-Ar-40

MAT 1837

Kerma total (eV-barns)  
Cross Section

18-Ar-40  
-99.84 To 9999. %



38

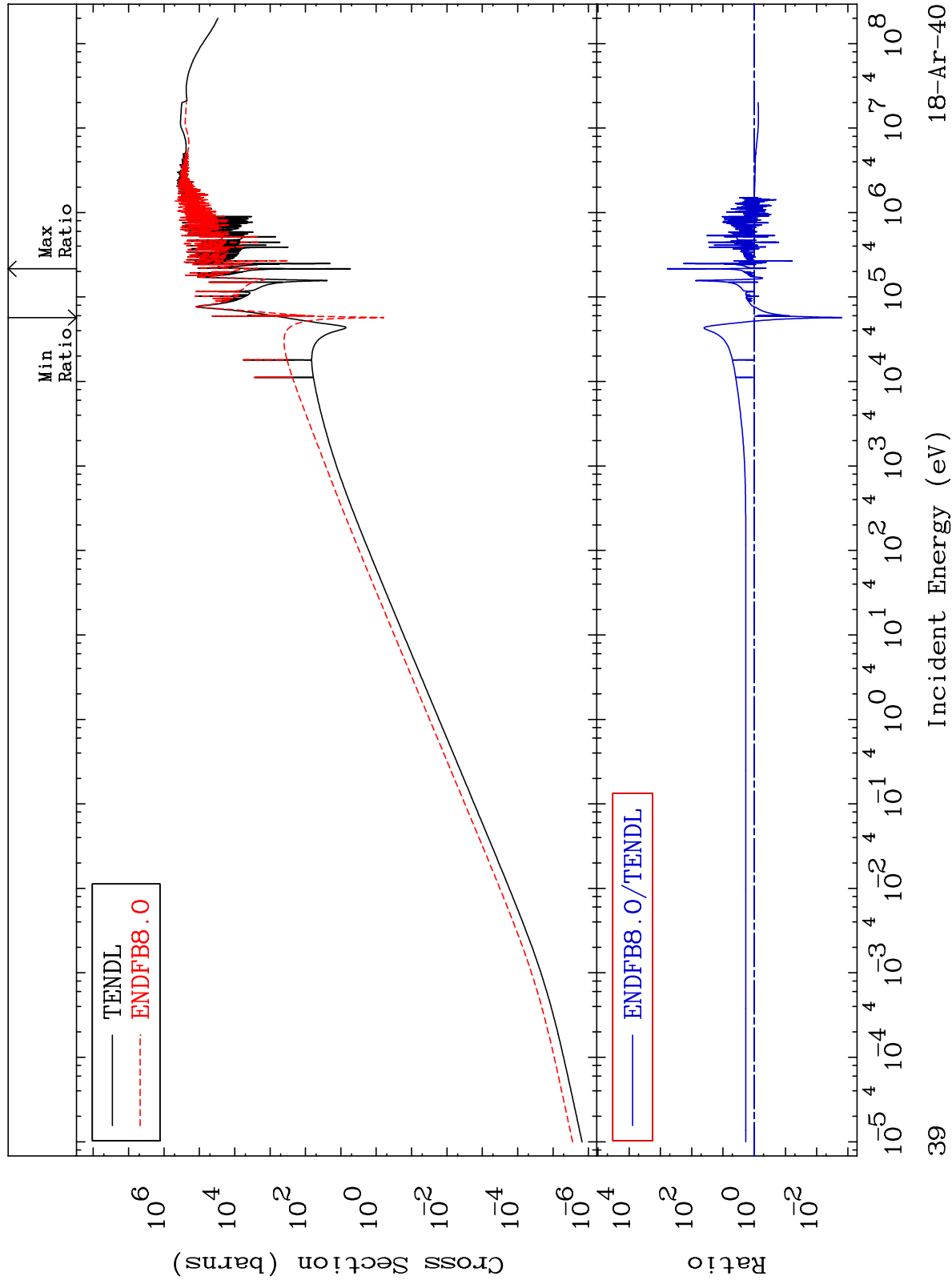
Incident Energy (eV)

18-Ar-40

MAT 1837

Kerma elastic  
Cross Section

18-Ar-40  
-99.85 To 9999. %

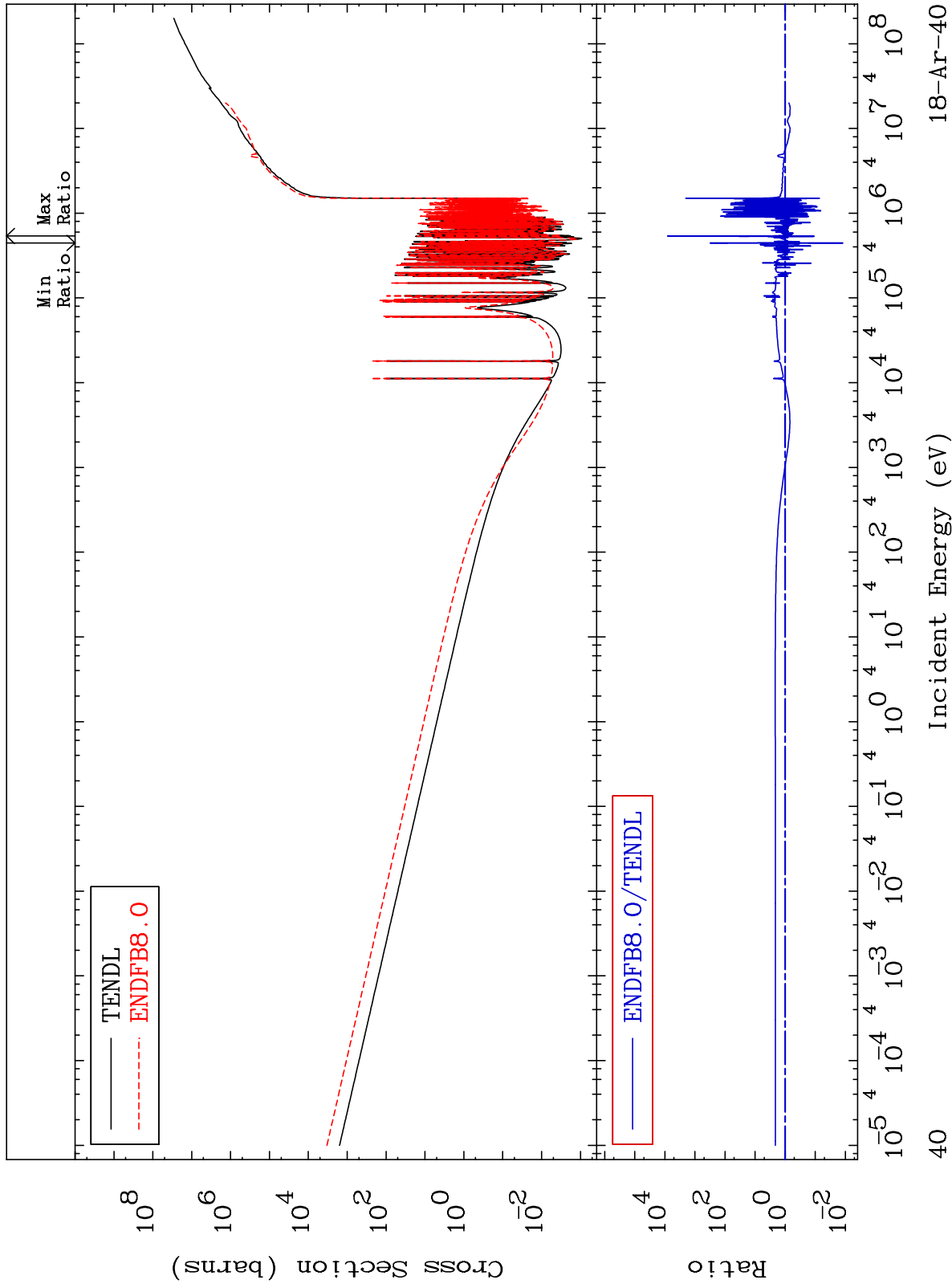




MAT 1837

Kerma non-elastic (all but mt2)  
Cross Section

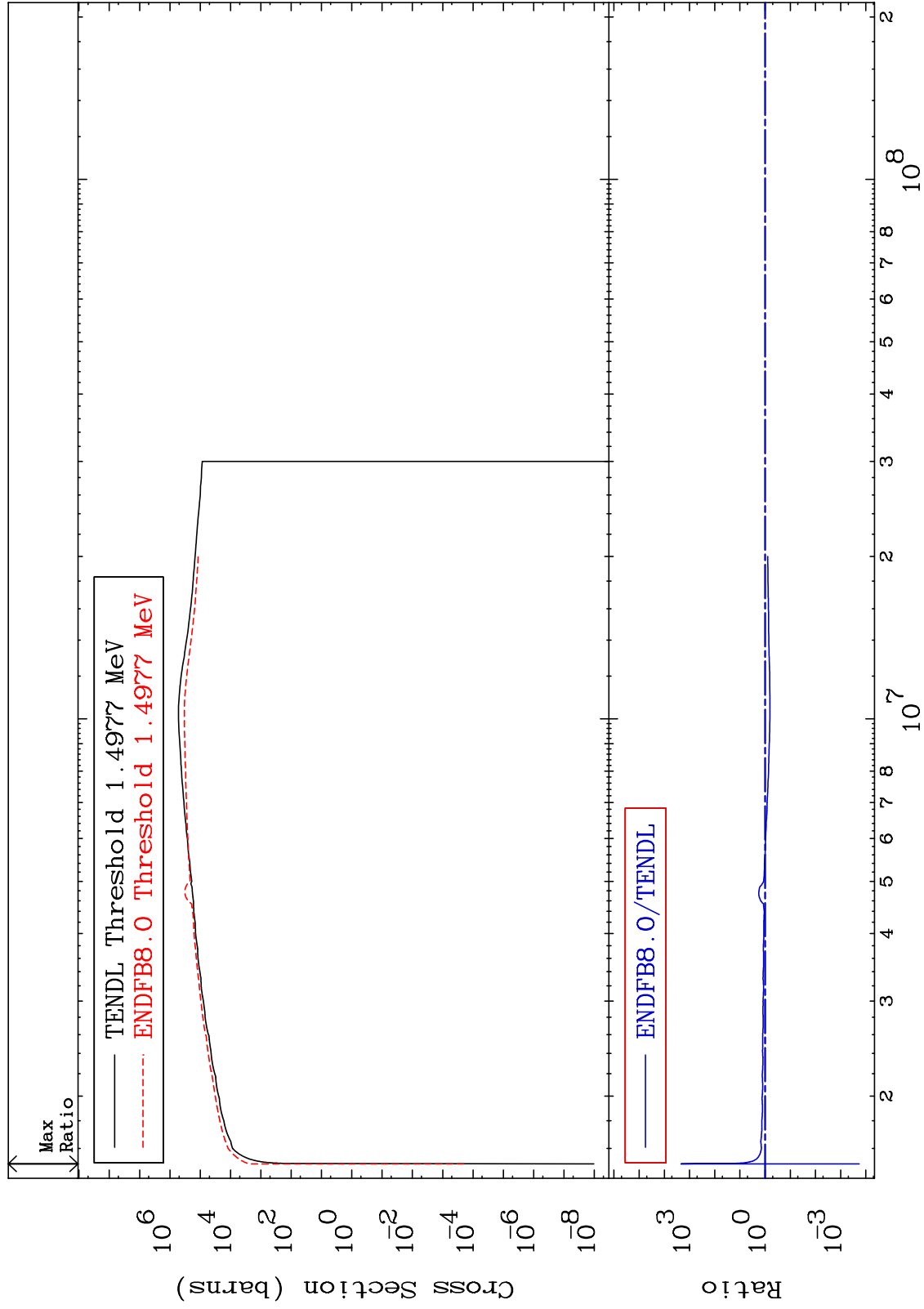
18-Ar-40  
-98.77 To 9999. %



MAT 1837

Kerma inelastic (mt51-91)  
Cross Section

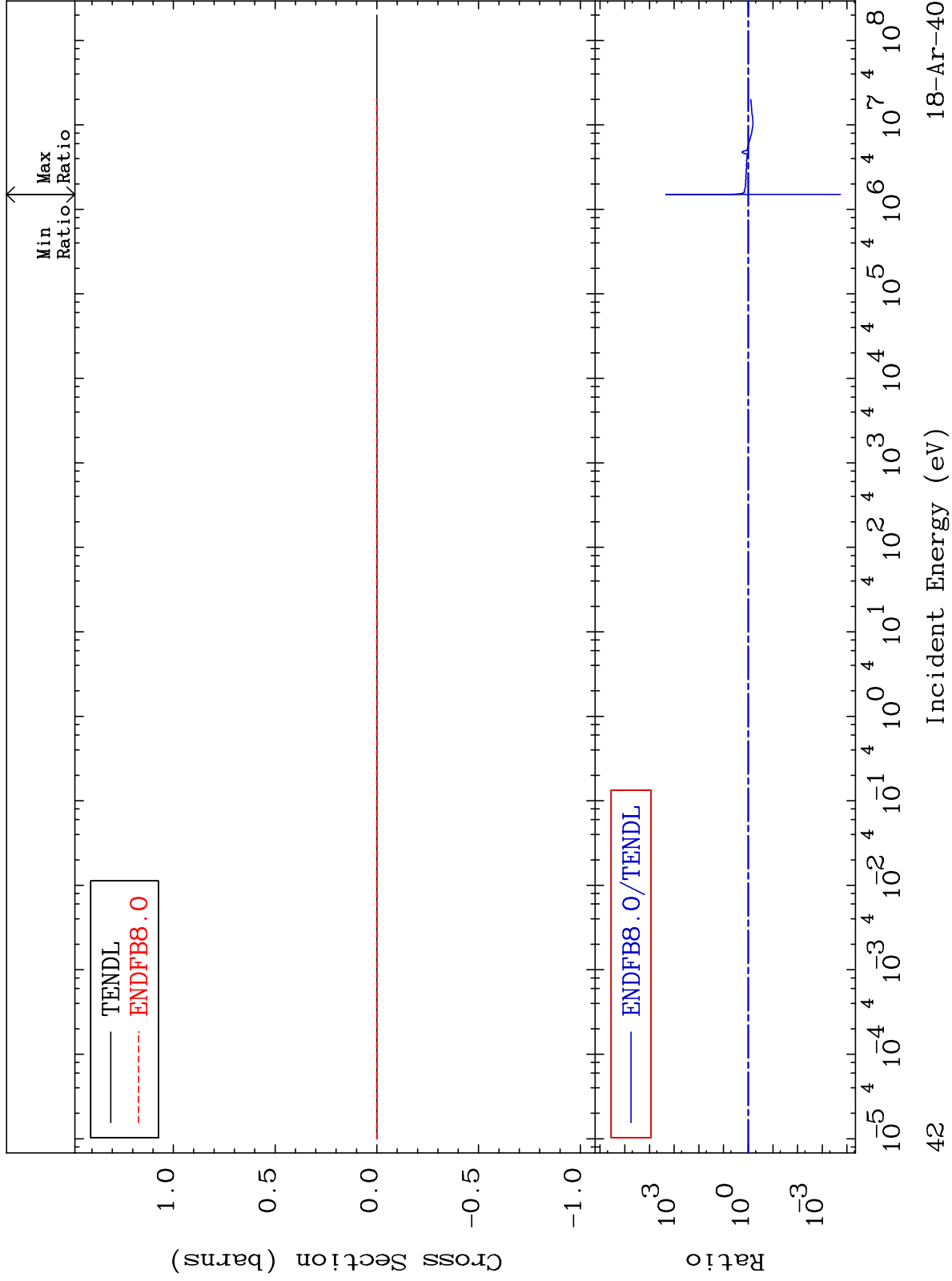
18-Ar-40  
-99.98 To 9999. %



MAT 1837

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

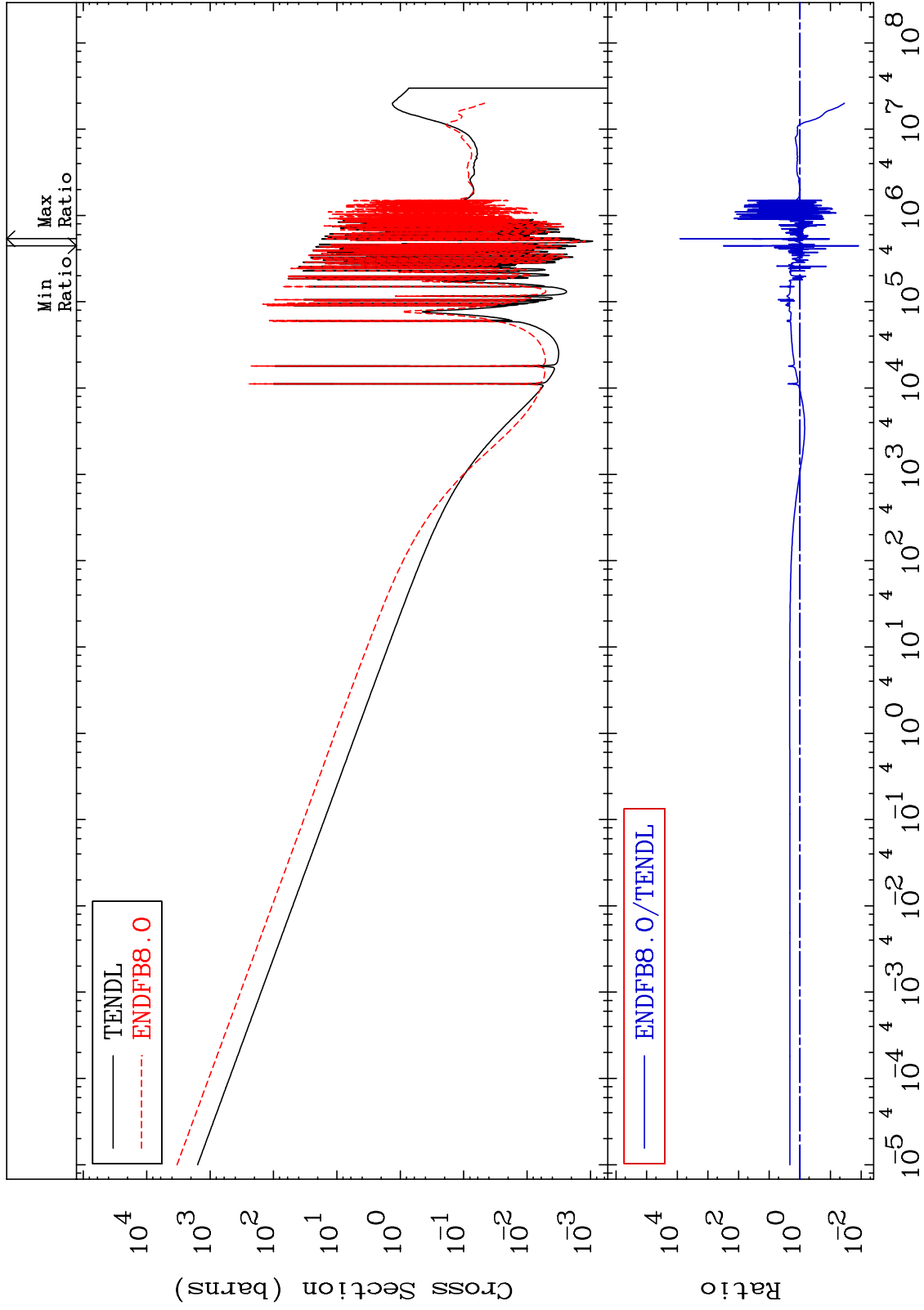
18-Ar-40  
-99.98 To 9999. %



MAT 1837

Kerma capture (mt102)  
Cross Section

18-Ar-40  
-98.77 To 9999. %



43

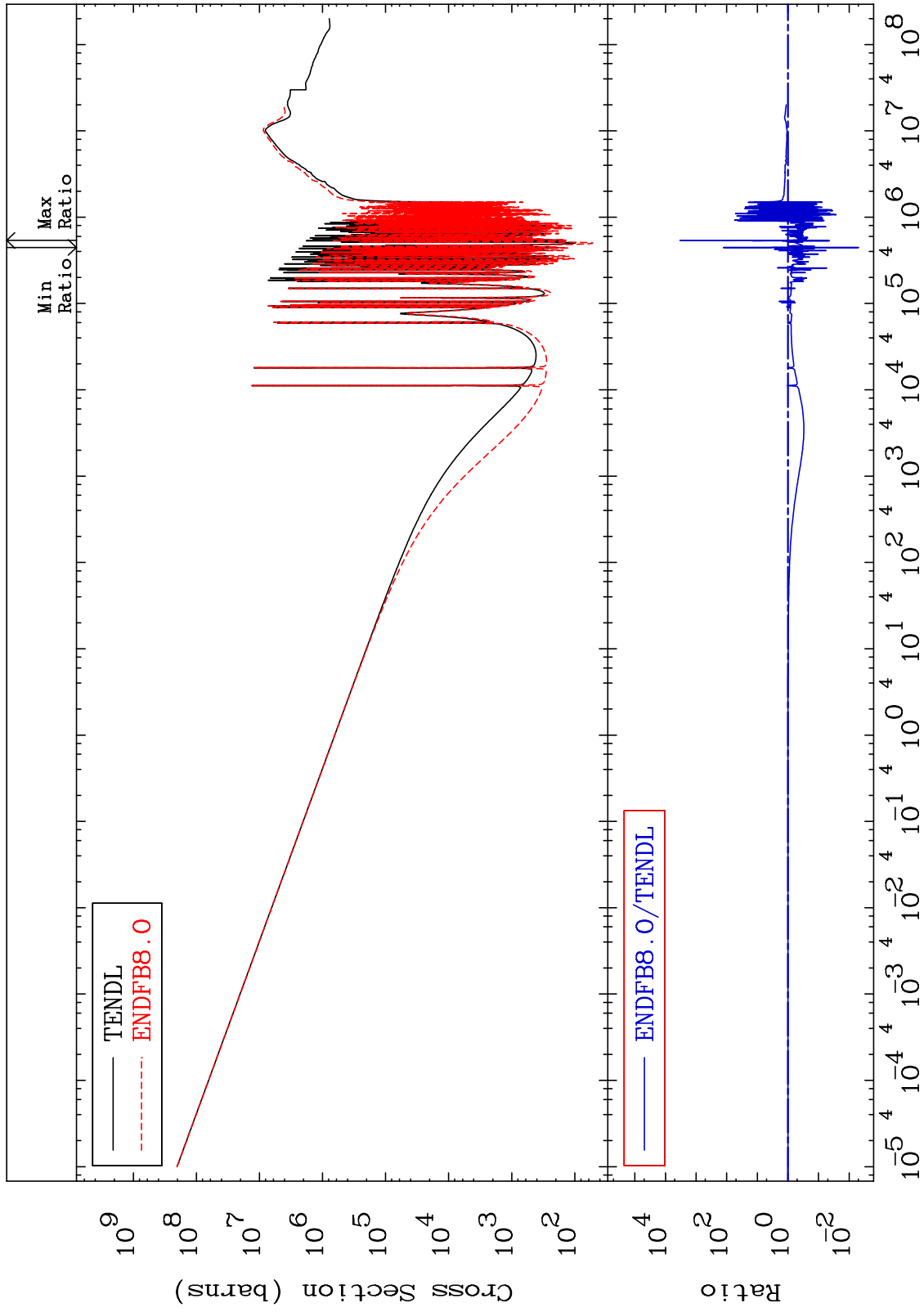
Incident Energy (eV)

18-Ar-40

MAT 1837

Total photon (eV-barns)  
Cross Section

18-Ar-40  
-99.50 To 9999. %



44

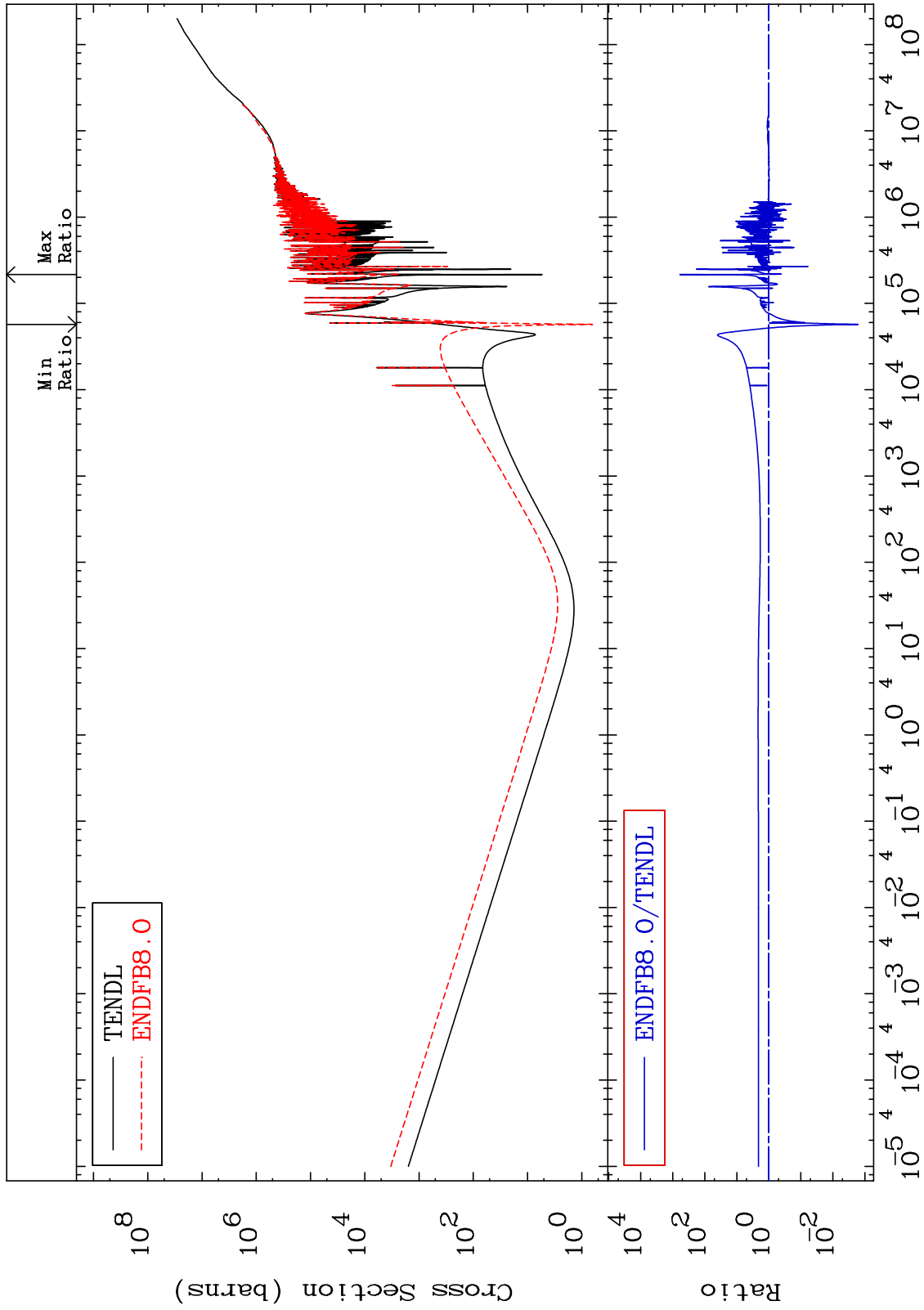
Incident Energy (eV)

18-Ar-40

MAT 1837

Total kinematic kerma (high limit)  
Cross Section

18-Ar-40  
-99.84 To 9999. %



45

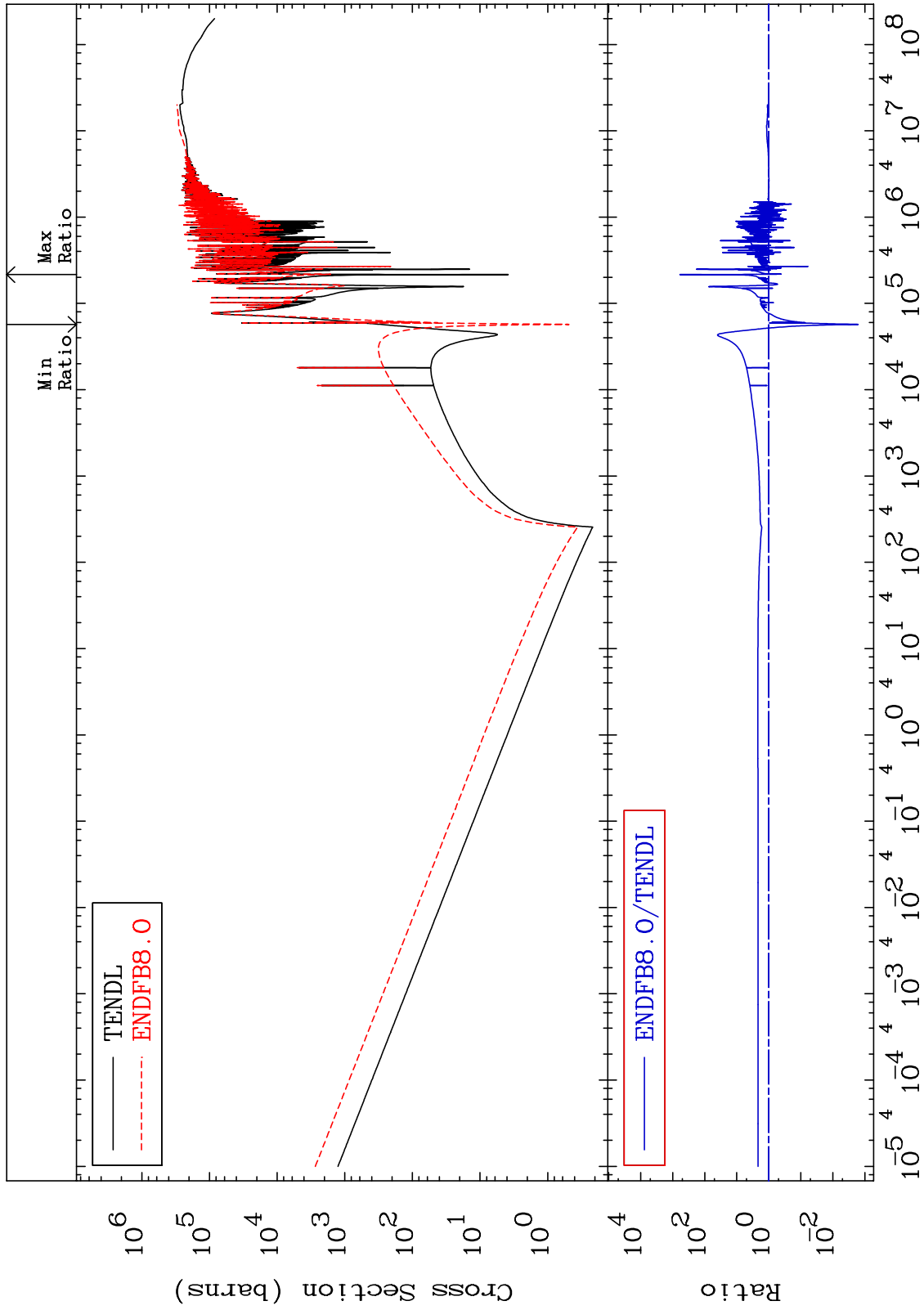
Incident Energy (eV)

18-Ar-40

MAT 1837

Dpa total (eV-barns)  
Cross Section

18-Ar-40  
-99.84 To 9999. %



46

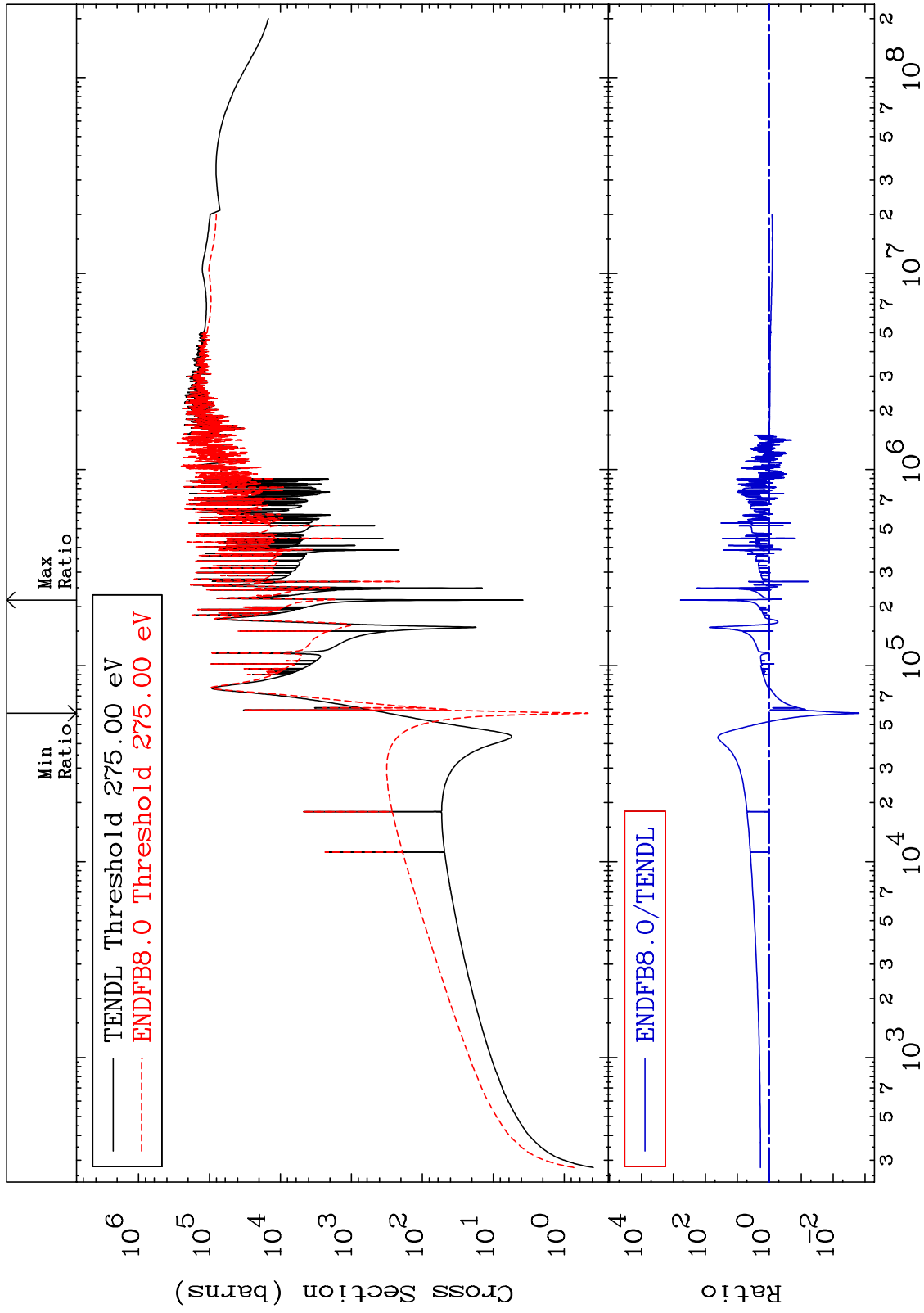
Incident Energy (eV)

18-Ar-40

MAT 1837

Dpa elastic (mt2)  
Cross Section

18-Ar-40  
-99.85 To 9999. %



47

Incident Energy (eV)

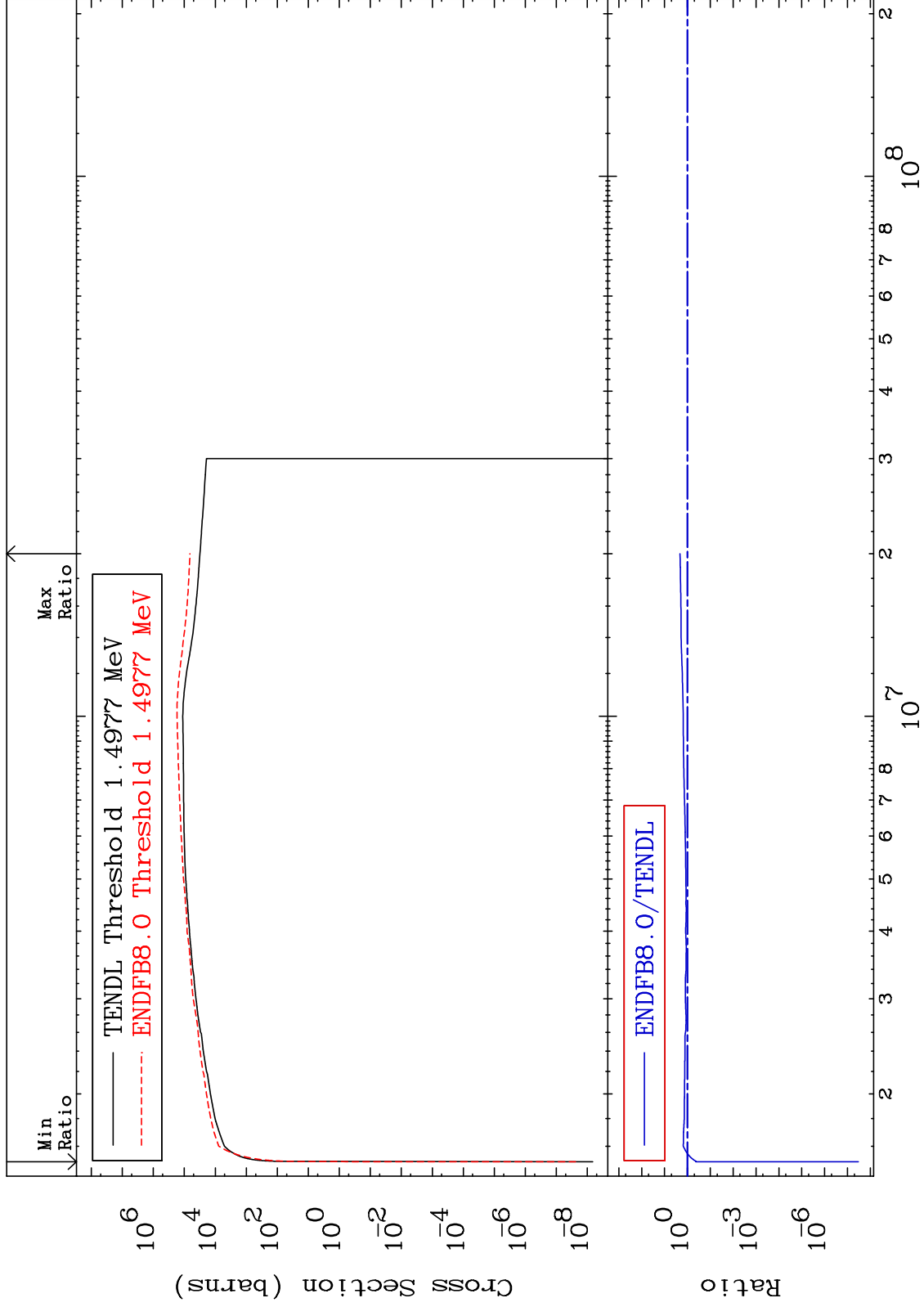
18-Ar-40



MAT 1837

Dpa inelastic (mt51-91)  
Cross Section

18-Ar-40  
-100.0 To 110.6 %



MAT 1837

Dpa disappearance (mt102 -120)  
Cross Section

18-Ar-40  
-98.76 To 9999. %

